TRACTS Ua-Ub

QUARTERLY REPORT #8
FIELD DATA
VOLUME 1
PART I-III

7602252

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QUARTERLY REPORT #8

FIELD DATA

BLM Library
D-553A, Building 50
Denver Federal Center
P. O. Box 25047
Denver, CO 80225-0047

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# I. SUMMARY

SUMMARY

SEE QUARTERLY REPORT #8

# II. WATER RESOURCES

## A. Surface Hydrology

SED FLOW

# WHITE RIVER ABOVE HELLS HOLE CANYON

| | SED | FLOW | NOV | DEC | JAN | FEB | MAR | APR mgd | APR CFS | MAY mgd | MAY CFS | JUN mgd | JUN CFS | JUL | AUG | SEP |
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| 1 | | | | | | | | | | | | 1105 | 1657 | | | |
| 2 | | | | | | | | | | | | | | | | |
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| 4 | | | | | | | | | | | | 1260 | 1780 | | | |
| 5 | | | | | | | | 1410 | | 2080 | 890 | | | | | |
| 6 | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | 2715 | 950 | | | | | |
| 8 | | | | | | | | 903 | | | | 2925 | 1500 | | | |
| 9 | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | 952 | 1670 | | | |
| 11 | | | | | | | | | | 2430 | 1249 | | | | | |
| 12 | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | 677 | 521 | 2845 | 1340 | | | | | |
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| 18 | | | | | | | | | | 2930 | | | | | | |
| 19 | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | 621 | 562 | 3470 | 2050 | | | | | |
| 21 | | | | | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | | | | | |
| 23 | | | | | | | | 313 | 1180 | | | | | | | |
| 24 | | | | | | | | | | | | | | | | |
| 25 | | | | | | | | | | 1705 | | | | | | |
| 26 | | | | | | | | | | | | | | | | |
| 27 | | | | | | | | 440 | 500 | 1505 | | | | | | |
| 28 | | | | | | | | | | | | | | | | |
| 29 | | | | | | | | 468 | 500 | | | | | | | |
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# HELLS HOLE CANYON NEAR MOUTH

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WELLS HOLE CANYON NEAR MOUTH

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EVACUATION CREEK AT WATSON UT.

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| | | | | mgd | CFS | mgd | CFS | mgd | CFS | mgd | CFS | mgd | CFS | mgd | CFS | | | |
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| 4 | | | | | | | | | | | | | | 114 | 0.3 | | | |
| 5 | | | | | | | | | | | | 1125 | 1.1 | | | | | |
| 6 | | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | 4205 | 1.5 | | | | | |
| 8 | | | | | | | | | | | | | | | | 175000 | | |
| 9 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | 31600 | | 188 | 0.1 | | | |
| 11 | | | | | | 5820 | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | 1490 | 1.3 | | | | | | | |
| 14 | | | | | | | | | | | | 737 | 0.8 | | | | | |
| 15 | | | | | | | | | | 1750 | 0.2 | | | | | | | |
| 16 | | | | | | 2510 | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | 665 | 85 | 71 | | | | |
| 18 | | | | | | 4170 | | | | | | | | | | | | |
| 19 | | | | | | | | 18000 | 4.8 | 8210 | 4.9 | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | 1640 | 2.5 | | | | | |
| 22 | | | | | | | | | | | | 4460 | | | | | | |
| 23 | | | | 113 | | | | | | 1285 | 1.4 | | | | | | | |
| 24 | | | | | | | | | | | | 1845 | 2.5 | | | | | |
| 25 | | | | | | | | | | | | | | | | | | |
| 26 | | | | | | | | | | | | | | | | | | |
| 27 | | | | | | | | | | | | | | | | | | |
| 28 | | | | | | | | | | | | 776 | 1.9 | | | | | |
| 29 | | | | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | 757 | 1.1 | | | | | | | |
| 31 | | | | | | | | | | | | | | | | | | |

EVACUATION CREEK NEAR MOUTH

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| 4 | | | | | | | | | 1052 | 1.2 | 48 | 0.6 | | | |
| 5 | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | 1575 | | | | | | |
| 7 | | | | | | | | | | | | | | | |
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| 10 | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | 52 | 1.5 | | | |
| 12 | | | | | | | | | 1225 | | | | | | |
| 13 | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | 477 | 0.8 | | | | | |
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| 16 | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | 40 | | | | |
| 18 | | | | | | | | | 896 | 1.0 | | | | | |
| 19 | | | | | | | | | | | | | | | |
| 20 | | | | | | | 4670 | 4.5 | | | | | | | |
| 21 | | | | | | | | | 1525 | 2.6 | | | | | |
| 22 | | | | | | | | | | | | | | | |
| 23 | | | | | | | 1175 | 1.6 | | | | | | | |
| 24 | | | | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | | | | |
| 26 | | | | | | | | | 1030 | 2.5 | | | | | |
| 27 | | | | | | | 2490 | 2.6 | 659 | 1.0 | | | | | |
| 28 | | | | | | | | | | | | | | | |
| 29 | | | | | | | | | | | | | | | |
| 30 | | | | | | | 513 | 1.7 | | | | | | | |
| 31 | | | | | | | | | | | | | | | |

# WHITE RIVER NEAR WATSON

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| 1 | | | | | | | | | | | | | | 1510 | 1657 | | | | | | |
| 2 | | | | 118 | | | | | | 506 | 420 | | | 1340 | 1560 | | | | | | |
| 3 | | | | | | 1104 | | 1870 | | | | 1650 | 650 | | | | | | | | |
| 4 | | | | | | | | | | | | 2350 | | 1430 | 1797 | | | | | | |
| 5 | | | | | | | | | | | | 2400 | | | | | | | | | |
| 6 | | | | | | | | | | 856 | | | | | | | | | | | |
| 7 | | | | | | | | | | 1260 | 568 | | | 1480 | 1790 | | | | | | |
| 8 | | | | | | | | | | 281 | 483 | | | 1440 | 1777 | | | | | | |
| 9 | | | | 165 | | 84 | | | | 611 | 420 | | | 1365 | 1719 | | | | | | |
| 10 | | | | | | | | 1250 | 650 | | | 2760 | 880 | 1160 | 1600 | | | | | | |
| 11 | | | | | | | | | | | | [illegible] | | 1370 | 1709 | | | | | | |
| 12 | | | | 154 | | 536 | | 557 | | 660 | 420 | 2690 3055 | 1240 | | | | | | | | |
| 13 | | | | | | | | | | 512 | | 2650 | | | | | | | | | |
| 14 | | | | | | | | | | 570 | 618 | | | 771 | | | | | | | |
| 15 | | | | | | | | 1510 | 480 | 339 | | | | | | | | | | | |
| 16 | | | | | | | | | | 354 | | | | | | | | | | | |
| 17 | | | | | | | | | | | | 3700 | 1460 | | | | | | | | |
| 18 | | | | | | | | 2600 | | | | 3785 | 1775 | | | | | | | | |
| 19 | | | | 147 | | | | | | 268 | | 3775 | 2027 | | | | | | | | |
| 20 | | | | | | | | | | 638 | 560 | 3510 | 2100 | | | | | | | | |
| 21 | | | | | | | | | | 805 | 504 | 273 | 2200 | | | | | | | | |
| 22 | | | | 69 | | | | | | 491 | 480 | 2650 | 2100 | | | | | | | | |
| 23 | | | | | | | | 2840 | 552 | 350 | 478 | | | | | | | | | | |
| 24 | | | | | | | | | | | | 2175 | | | | | | | | | |
| 25 | | | | | | | | | | | | 1920 | 1846 | | | | | | | | |
| 26 | | | | 1100 | | | | 2040 | 552 | 320 | 550 | 1040 | | | | | | | | | |
| 27 | | | | | | | | | | 484 | 550 | | | | | | | | | | |
| 28 | | | | | | | | | | 420 | 535 | 1905 | 1485 | | | | | | | | |
| 29 | | | | 133 | | | | 618 | 426 | 333 | | | | | | | | | | | |
| 30 | | | | | | | | | | 513 | 540 | | | | | | | | | | |
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# WHITE RIVER ABOVE SOUTHAM CANYON

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| 3 | | | | | | | | | | | 1660 | 1707 | | | | | | |
| 4 | | | | | | | | | 1960 | 800 | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | 1010 | 534 | 2350 | 920 | | | | | | | | |
| 7 | | | | | | | | | | | 1480 | 1837 | | | | | | |
| 8 | | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | 773 | 500 | | | 1160 | 1700 | | | | | | |
| 10 | | | | | | | | | 6250 | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | | | |
| 12 | | | | | | | 680 | 500 | | | | | | | | | | |
| 13 | | | | | | | | | 3150 | 1344 | | | | | | | | |
| 14 | | | | | | | 542 | 581 | | | 1120 | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | |
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| 17 | | | | | | | | | 3870 | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | | | | |
| 19 | | | | | | | 469 | 500 | 3400 | 2021 | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| 21 | | | | | | | 1600 | 505 | | | | | | | | | | |
| 22 | | | | | | | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | | | | | | | |
| 24 | | | | | | | | | 1680 | 2070 | | | | | | | | |
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| 26 | | | | | | | 370 | 450 | 2000 | | | | | | | | | |
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| 28 | | | | | | | 640 | 550 | | | | | | | | | | |
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SOUTHAM CANYON UPPER STATION

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# Asphalt Wash Below Centre Fork

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ASPHALT WASH NEAR MOUTH

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# WHITE RIVER BELOW ASPHALT WASH

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| | | | | | mg/l | CFS | mg/l | CFS | mg/l | CFS | mg/l | CFS | mg/l | CFS | mg/l | CFS | | | | | | |
| 1 | | | | | | | | | 2320 | | | | | | 1690 | 1639 | | | | | | |
| 2 | | | | | | | | | | | 598 | 395 | | | 1500 | 1535 | | | | | | |
| 3 | | | | | | | 154 | | | | | | 1010 | | | | | | | | | |
| 4 | | | | | | | | | | | | | 1350 | 800 | 1890 | 1688 | | | | | | |
| 5 | | | | | | | | | | | | | 2010 | | | | | | | | | |
| 6 | | | | | | | | | | | 638 | 490 | | | | | | | | | | |
| 7 | | | | | | | | | | | 1130 | 500 | 2420 | 950 | 1450 | 1663 | | | | | | |
| 8 | | | | | | | | | | | 820 | [illegible] | | | 1320 | 1606 | | | | | | |
| 9 | | | | | | | | | 946 | 360 | 716 | 534 | | | | | | | | | | |
| 10 | | | | | | | | | | | | | 2740 | 880 | 1610 | 1494 | | | | | | |
| 11 | | | | | | | | | | | | | 2160 | | 1650 | 1550 | | | | | | |
| 12 | | | | | | | | | 701 | | 701 | 500 | | | | | | | | | | |
| 13 | | | | | | | | | | | 415 | 460 | 4320 | 1430 | | | | | | | | |
| 14 | | | | | | | | | | | 319 | 465 | 3310 | 1430 | | | | | | | | |
| 15 | | | | | 1316 | | | | | | 510 | 574 | | | | | | | | | | |
| 16 | | | | | | | | | | | 460 | 525 | | | | | | | | | | |
| 17 | | | | | | | | | | | | | 2830 | | 1070 | 2036 | | | | | | |
| 18 | | | | | | | | | 2620 | 616 | | | 3350 | 1810 | | | | | | | | |
| 19 | | | | | | | 653 | | | | 300 | 514 | 4650 | 1891 | | | | | | | | |
| 20 | | | | | | | | | | | 1170 | 580 | 3680 | 2086 | | | | | | | | |
| 21 | | | | | 2316 | | | | | | 1100 | 520 | | | | | | | | | | |
| 22 | | | | | | | | | | | 710 | 480 | | | | | | | | | | |
| 23 | | | | | | | | | | | 270 | 465 | | | | | | | | | | |
| 24 | | | | | | | | | | | | | | | | | | | | | | |
| 25 | | | | | | | | | 2750 | 556 | | | 1330 | 1788 | | | | | | | | |
| 26 | | | | | | | 603 | | | | 650 | 500 | 1740 | | | | | | | | | |
| 27 | | | | | | | | | | | 900 | 530 | 2000 | 1535 | | | | | | | | |
| 28 | | | | | | | | | | | 450 | | 1860 | | | | | | | | | |
| 29 | | | | | | | | | | | | | | | | | | | | | | |
| 30 | | | | | 2316 | | | | | | 625 | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | | | | | | | |

PROCESS DATE IS 08-10-7

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

S-

STATION NUMBER 09306400 WHITE RIVER ABV HELLS HOLE CANYON NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395826 LONGITUDE 1090749 DRAINAGE AREA 4.12 DATUM STATE 49 COUNTY 047

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 452 | --- | 370 | 833 | | | --- | 659 | | | | |
| 2 | 455 | --- | 380 | 904 | | | --- | 670 | | | | |
| 3 | 451 | --- | 574 | 806 | | | --- | 718 | | | | |
| 4 | 455 | --- | 640 | 680 | | | --- | 802 | | | | |
| 5 | 451 | --- | 587 | 601 | | | 473 | 854 | | | | |
| 6 | 433 | --- | 563 | 799 | | | 524 | 924 | | | | |
| 7 | 427 | --- | 547 | --- | | | 559 | --- | | | | |
| 8 | 437 | --- | 547 | --- | | | 520 | --- | | | | |
| 9 | 444 | --- | 519 | --- | | | 492 | --- | | | | |
| 10 | 451 | --- | 541 | --- | | | 458 | --- | | | | |
| 11 | 432 | --- | 500 | --- | | | 488 | --- | | | | |
| 12 | 424 | --- | 478 | --- | | | 504 | --- | | | | |
| 13 | 422 | --- | 486 | --- | | | 535 | --- | | | | |
| 14 | 424 | --- | 438 | --- | | | 593 | --- | | | | |
| 15 | 455 | --- | 354 | --- | | | 565 | --- | | | | |
| 16 | 456 | --- | 224 | --- | | | 527 | --- | | | | |
| 17 | --- | --- | 207 | --- | | | 530 | --- | | | | |
| 18 | --- | --- | 310 | --- | | | 535 | --- | | | | |
| 19 | --- | 407 | 484 | --- | | | 544 | --- | | | | |
| 20 | --- | 392 | 445 | --- | | | 555 | --- | | | | |
| 21 | --- | 389 | 468 | --- | | | 500 | --- | | | | |
| 22 | --- | 389 | 592 | --- | | | 469 | --- | | | | |
| 23 | --- | 444 | 713 | --- | | | 463 | --- | | | | |
| 24 | --- | 435 | 809 | --- | | | 474 | --- | | | | |
| 25 | --- | 441 | 855 | --- | | | 500 | --- | | | | |
| 26 | --- | 449 | 837 | --- | | | 508 | --- | | | | |
| 27 | --- | 454 | 807 | --- | | | 545 | --- | | | | |
| 28 | --- | 460 | 804 | --- | | | 548 | --- | | | | |
| 29 | --- | 465 | 990 | --- | | | 523 | --- | | | | |
| 30 | --- | 470 | 905 | --- | | | 579 | --- | | | | |
| 31 | --- | --- | 770 | --- | | | --- | --- | | | | |
| TOTAL | --- | --- | 17744 | --- | | | --- | --- | | | | |
| MEAN | --- | --- | 572 | --- | | | --- | --- | | | | |
| MAX | --- | --- | 990 | --- | | | --- | --- | | | | |
| MIN | --- | --- | 207 | --- | | | --- | --- | | | | |
| AC-FT | --- | --- | 35200 | --- | | | --- | --- | | | | |

Records
vision

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306400 WHITE RIVER ABV HELLS HOLE CANYON NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395826 LONGITUDE 1090749 DRAINAGE AREA 4.12 DATUM STATE 49 COUNTY 047

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 696 | | --- | 184 | | | --- | 673 | 349 | | | |
| 2 | 696 | | 712 | 268 | | | --- | 580 | 374 | | | |
| 3 | 694 | | 613 | 433 | | | --- | 411 | 365 | | | |
| 4 | 697 | | 608 | 603 | | | --- | 314 | 341 | | | |
| 5 | 702 | | 601 | 678 | | | 688 | 329 | 326 | | | |
| 6 | 700 | | 581 | --- | | | 624 | 326 | 327 | | | |
| 7 | 697 | | 591 | --- | | | 586 | 370 | 322 | | | |
| 8 | 709 | | 592 | --- | | | 668 | 416 | --- | | | |
| 9 | 713 | | 600 | --- | | | 775 | 426 | --- | | | |
| 10 | 712 | | 610 | --- | | | 810 | 443 | --- | | | |
| 11 | 711 | | 603 | --- | | | 823 | 377 | --- | | | |
| 12 | 704 | | 614 | --- | | | 782 | 296 | --- | | | |
| 13 | 712 | | 603 | --- | | | 746 | 253 | --- | | | |
| 14 | 719 | | --- | --- | | | 711 | 221 | --- | | | |
| 15 | 721 | | --- | --- | | | 702 | 227 | --- | | | |
| 16 | --- | | --- | --- | | | 715 | 316 | --- | | | |
| 17 | --- | | --- | --- | | | 720 | 234 | --- | | | |
| 18 | --- | | --- | --- | | | 729 | 216 | --- | | | |
| 19 | --- | | --- | --- | | | 782 | 260 | --- | | | |
| 20 | --- | | --- | --- | | | 805 | --- | --- | | | |
| 21 | --- | | --- | --- | | | 859 | 283 | --- | | | |
| 22 | --- | | --- | --- | | | 852 | 279 | --- | | | |
| 23 | --- | | --- | --- | | | 822 | 281 | --- | | | |
| 24 | --- | | --- | --- | | | 802 | 245 | --- | | | |
| 25 | --- | | --- | --- | | | 776 | 250 | --- | | | |
| 26 | --- | | --- | --- | | | 730 | 259 | --- | | | |
| 27 | --- | | --- | --- | | | 725 | 317 | --- | | | |
| 28 | --- | | --- | --- | | | 714 | 421 | --- | | | |
| 29 | --- | | 112 | --- | | | 709 | 401 | --- | | | |
| 30 | --- | | 118 | --- | | | 710 | 369 | --- | | | |
| 31 | --- | | 144 | --- | | | --- | 345 | --- | | | |
| MEAN | --- | | --- | --- | | | 745 | 338 | --- | | | |

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306400 WHITE RIVER ABV HELLS HOLE CANYON NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395826 LONGITUDE 1090749 DRAINAGE AREA 4.12 DATUM STATE 49 COUNTY 047

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 12.5 | | --- | 0.0 | | | --- | 13.5 | 15.5 | | | |
| 2 | 12.0 | | 0.0 | 0.0 | | | --- | 14.0 | 16.5 | | | |
| 3 | 12.0 | | 0.0 | 0.0 | | | --- | 14.0 | 16.0 | | | |
| 4 | 12.0 | | 0.0 | 0.0 | | | --- | 14.5 | 16.0 | | | |
| 5 | 12.5 | | 0.0 | 0.0 | | | 9.5 | 14.0 | 16.5 | | | |
| 6 | 13.0 | | 0.0 | 0.0 | | | 8.0 | 14.0 | 17.0 | | | |
| 7 | 12.5 | | 0.0 | --- | | | 8.5 | 13.5 | 17.0 | | | |
| 8 | --- | | 0.0 | --- | | | 9.5 | 13.0 | 16.0 | | | |
| 9 | --- | | 0.0 | --- | | | 10.5 | 14.0 | --- | | | |
| 10 | --- | | 0.0 | --- | | | 11.0 | 14.5 | --- | | | |
| 11 | --- | | 0.0 | --- | | | 11.5 | 15.0 | --- | | | |
| 12 | --- | | 0.0 | --- | | | 11.5 | 14.0 | --- | | | |
| 13 | --- | | 0.0 | --- | | | 10.5 | 14.0 | --- | | | |
| 14 | --- | | 0.0 | --- | | | 9.5 | 15.0 | --- | | | |
| 15 | --- | | 0.0 | --- | | | 10.0 | 15.5 | --- | | | |
| 16 | --- | | 0.0 | --- | | | 10.5 | 14.0 | --- | | | |
| 17 | --- | | 0.0 | --- | | | 10.5 | 14.5 | --- | | | |
| 18 | --- | | 0.0 | --- | | | 10.0 | 15.5 | --- | | | |
| 19 | --- | | 0.0 | --- | | | 10.5 | 15.0 | --- | | | |
| 20 | --- | | 0.0 | --- | | | 11.0 | 14.5 | --- | | | |
| 21 | --- | | 0.0 | --- | | | 12.0 | 13.5 | --- | | | |
| 22 | --- | | 0.0 | --- | | | 11.5 | 12.5 | --- | | | |
| 23 | --- | | 0.0 | --- | | | 12.5 | 13.5 | --- | | | |
| 24 | --- | | 0.0 | --- | | | 13.0 | 13.5 | --- | | | |
| 25 | --- | | 0.0 | --- | | | 13.0 | 13.5 | --- | | | |
| 26 | --- | | 0.0 | --- | | | 11.0 | 14.0 | --- | | | |
| 27 | --- | | 0.0 | --- | | | 10.5 | 16.0 | --- | | | |
| 28 | --- | | 0.0 | --- | | | 12.0 | 16.0 | --- | | | |
| 29 | --- | | 0.0 | --- | | | 13.5 | 16.0 | --- | | | |
| 30 | --- | | 0.0 | --- | | | 13.5 | 15.5 | --- | | | |
| 31 | --- | | 0.0 | --- | | | --- | 15.0 | --- | | | |
| MEAN | --- | | 0.0 | --- | | | 11.0 | 14.5 | --- | | | |

Unpublished Records
Subject to Revision

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

PROCESS DATE IS 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306405 HELL'S HOLE CAN AT MOUTH NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395826 LONGITUDE 1090838 DRAINAGE AREA DATUM STATE 49 COUNTY 047

S-5

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | --- | --- | 0 | --- | .01 | | 0 | 0 | | | |
| 2 | 0 | --- | 0 | 0 | --- | 0 | | 0 | 0 | | | |
| 3 | 0 | --- | 0 | 0 | --- | 0 | | 0 | 0 | | | |
| 4 | 0 | --- | 0 | 0 | --- | 0 | | 0 | 0 | | | |
| 5 | 0 | --- | 0 | 0 | --- | 0 | | 0 | 0 | | | |
| 6 | 0 | --- | 0 | 0 | --- | 0 | | 0 | 0 | | | |
| 7 | 0 | --- | 0 | --- | --- | 0 | | 0 | 0 | | | |
| 8 | 0 | --- | 0 | --- | --- | 0 | | 0 | --- | | | |
| 9 | 0 | --- | 0 | --- | --- | 0 | | 0 | --- | | | |
| 10 | 0 | --- | 0 | --- | --- | 0 | | .61 | --- | | | |
| 11 | 0 | --- | 0 | --- | --- | 0 | | 0 | --- | | | |
| 12 | 0 | --- | 0 | --- | --- | 0 | | 0 | --- | | | |
| 13 | 0 | --- | 0 | --- | --- | 0 | | 0 | --- | | | |
| 14 | 0 | --- | 0 | --- | --- | 0 | | 0 | --- | | | |
| 15 | 0 | --- | 0 | --- | --- | 0 | | 0 | --- | | | |
| 16 | 0 | --- | 0 | --- | --- | 0 | | 0 | --- | | | |
| 17 | --- | 0 | 0 | --- | --- | 0 | | 0 | --- | | | |
| 18 | --- | 0 | 0 | --- | --- | 0 | | 0 | --- | | | |
| 19 | --- | 0 | 0 | --- | --- | 0 | | 0 | --- | | | |
| 20 | --- | 0 | 0 | --- | --- | 0 | | 0 | --- | | | |
| 21 | --- | 0 | 0 | --- | --- | 0 | | 0 | --- | | | |
| 22 | --- | 0 | 0 | --- | --- | 0 | | .16 | --- | | | |
| 23 | --- | 0 | 0 | --- | --- | 0 | | .01 | --- | | | |
| 24 | --- | 0 | 0 | --- | 0 | 0 | | 0 | --- | | | |
| 25 | --- | --- | 0 | --- | 0 | 0 | | 0 | --- | | | |
| 26 | --- | --- | 0 | --- | 0 | 0 | | 0 | --- | | | |
| 27 | --- | --- | 0 | --- | .39 | 0 | | 0 | --- | | | |
| 28 | --- | --- | 0 | --- | .13 | 0 | | 0 | --- | | | |
| 29 | --- | --- | 0 | --- | .11 | 0 | | 0 | --- | | | |
| 30 | --- | --- | 0 | --- | --- | 0 | | 0 | --- | | | |
| 31 | --- | --- | 0 | --- | --- | 0 | --- | 0 | --- | | | |
| TOTAL | --- | --- | --- | --- | --- | .01 | 0 | .78 | --- | | | |
| MEAN | --- | --- | --- | --- | --- | .0003 | 0 | .025 | --- | | | |
| MAX | --- | --- | --- | --- | --- | .01 | 0 | .61 | --- | | | |
| MIN | --- | --- | --- | --- | --- | 0 | 0 | 0 | --- | | | |
| AC-FT | --- | --- | --- | --- | --- | .02 | 0 | 1.5 | --- | | | |

PROCESS DATE IS 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306405 HELL'S HOLE CAN AT MOUTH NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395826 LONGITUDE 1090838 DRAINAGE AREA DATUM STATE 49 COUNTY 047

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 0 | 0 | | | --- | 2010 | 2000 | | | |
| 2 | 0 | 0 | 0 | 0 | | | --- | 2010 | 2000 | | | |
| 3 | 0 | 0 | 0 | 0 | | | --- | 2010 | 2000 | | | |
| 4 | 0 | 0 | 0 | 0 | | | --- | 2010 | 2000 | | | |
| 5 | 0 | 0 | 0 | 0 | | | --- | 2010 | 2000 | | | |
| 6 | 0 | 0 | 0 | 0 | | | 2020 | 2010 | --- | | | |
| 7 | 0 | 0 | 0 | --- | | | 2020 | 2000 | --- | | | |
| 8 | 0 | 0 | 0 | --- | | | 2020 | 2000 | --- | | | |
| 9 | 0 | 0 | 0 | --- | | | 2020 | 2000 | --- | | | |
| 10 | 0 | 0 | 0 | --- | | | 2020 | 2000 | --- | | | |
| 11 | 0 | 0 | 0 | --- | | | 2020 | 2010 | --- | | | |
| 12 | 0 | 0 | 0 | --- | | | 2020 | 1990 | --- | | | |
| 13 | 0 | 0 | 0 | --- | | | 2020 | 1990 | --- | | | |
| 14 | 0 | 0 | 0 | --- | | | 2020 | 1990 | --- | | | |
| 15 | 0 | 0 | 0 | --- | | | 2020 | 1990 | --- | | | |
| 16 | 0 | 0 | 0 | --- | | | 2020 | 1990 | --- | | | |
| 17 | 0 | 0 | 0 | --- | | | 2020 | 1990 | --- | | | |
| 18 | 0 | 0 | 0 | --- | | | 2020 | 1990 | --- | | | |
| 19 | 0 | 0 | 0 | --- | | | 2010 | 1990 | --- | | | |
| 20 | 0 | 0 | 0 | --- | | | 2010 | 1990 | --- | | | |
| 21 | 0 | 0 | 0 | --- | | | 2010 | 2000 | --- | | | |
| 22 | 0 | 0 | 0 | --- | | | 2010 | 2000 | --- | | | |
| 23 | 0 | 0 | 0 | --- | | | 2010 | 2000 | --- | | | |
| 24 | 0 | 0 | 0 | --- | | | 2010 | 2020 | --- | | | |
| 25 | 0 | 0 | 0 | --- | | | 2010 | 2000 | --- | | | |
| 26 | 0 | 0 | 0 | --- | | | 2010 | 2000 | --- | | | |
| 27 | 0 | 0 | 0 | --- | | | 2010 | 2000 | --- | | | |
| 28 | 0 | 0 | 0 | --- | | | 2010 | 2000 | --- | | | |
| 29 | 0 | 0 | 0 | --- | | | 2010 | 2000 | --- | | | |
| 30 | 0 | 0 | 0 | --- | | | 2010 | 2000 | --- | | | |
| 31 | 0 | --- | 0 | --- | | | --- | 2000 | --- | | | |
| MEAN | 0 | 0 | 0 | --- | | | 2020 | 2000 | --- | | | |

Unpublished Records
Subject to Revision

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

PROCESS DATE IS 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306405 HELL'S HOLE CAN AT MOUTH NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395826 LONGITUDE 1090838 DRAINAGE AREA DATUM STATE 49 COUNTY 047

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.0 | 0.0 | 0.0 | | | | --- | 14.0 | 20.5 | | | |
| 2 | 0.0 | 0.0 | 0.0 | | | | --- | 15.5 | 21.0 | | | |
| 3 | 0.0 | 0.0 | 0.0 | | | | --- | 16.0 | 20.5 | | | |
| 4 | 0.0 | 0.0 | 0.0 | | | | --- | 18.0 | 21.5 | | | |
| 5 | 0.0 | 0.0 | 0.0 | | | | --- | 17.0 | 22.0 | | | |
| 6 | 0.0 | 0.0 | 0.0 | | | | 9.5 | 11.5 | 22.5 | | | |
| 7 | 0.0 | 0.0 | 0.0 | | | | 12.0 | 13.5 | 21.5 | | | |
| 8 | 0.0 | 0.0 | 0.0 | | | | 13.0 | 12.0 | --- | | | |
| 9 | 0.0 | 0.0 | 0.0 | | | | 13.5 | 17.5 | --- | | | |
| 10 | 0.0 | 0.0 | 0.0 | | | | 12.5 | 10.5 | --- | | | |
| 11 | 0.0 | 0.0 | 0.0 | | | | 14.0 | 13.0 | --- | | | |
| 12 | 0.0 | 0.0 | 0.0 | | | | 12.0 | 11.5 | --- | | | |
| 13 | 0.0 | 0.0 | 0.0 | | | | 11.0 | 15.5 | --- | | | |
| 14 | 0.0 | 0.0 | 0.0 | | | | 8.5 | 20.0 | --- | | | |
| 15 | 0.0 | 0.0 | 0.0 | | | | 9.0 | 16.5 | --- | | | |
| 16 | 0.0 | 0.0 | 0.0 | | | | 2.5 | 15.0 | --- | | | |
| 17 | 0.0 | 0.0 | 0.0 | | | | --- | 18.0 | --- | | | |
| 18 | 0.0 | 0.0 | 0.0 | | | | 6.5 | 20.5 | --- | | | |
| 19 | 0.0 | 0.0 | 0.0 | | | | 11.0 | 18.0 | --- | | | |
| 20 | 0.0 | 0.0 | 0.0 | | | | 12.5 | 19.0 | --- | | | |
| 21 | 0.0 | 0.0 | 0.0 | | | | 14.0 | 14.0 | --- | | | |
| 22 | 0.0 | 0.0 | 0.0 | | | | 12.5 | 13.0 | --- | | | |
| 23 | 0.0 | 0.0 | 0.0 | | | | 15.5 | 13.5 | --- | | | |
| 24 | 0.0 | 0.0 | 0.0 | | | | 13.5 | 15.0 | --- | | | |
| 25 | 0.0 | 0.0 | 0.0 | | | | 11.5 | 13.0 | --- | | | |
| 26 | 0.0 | 0.0 | 0.0 | | | | 5.0 | 15.0 | --- | | | |
| 27 | 0.0 | 0.0 | 0.0 | | | | 9.5 | 18.0 | --- | | | |
| 28 | 0.0 | 0.0 | 0.0 | | | | 12.5 | 18.5 | --- | | | |
| 29 | 0.0 | 0.0 | 0.0 | | | | 14.5 | 18.5 | --- | | | |
| 30 | 0.0 | 0.0 | 0.0 | | | | 13.5 | 16.0 | --- | | | |
| 31 | 0.0 | --- | 0.0 | | | | --- | 18.5 | --- | | | |
| MEAN | 0.0 | 0.0 | 0.0 | | | | 11.0 | 15.5 | --- | | | |

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

PROCESS DATE IS 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306415 EVACUATION CR BLW PARK CAN NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395054 LONGITUDE 1090748 DRAINAGE AREA DATUM STATE 49 COUNTY 047

S-7

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | .28 | 0 | .15 | 0 | | | | | | | | |
| 2 | .28 | --- | .12 | 0 | | | | | | | | |
| 3 | .28 | --- | .08 | 0 | | | | | | | | |
| 4 | .29 | --- | .06 | 0 | | | | | | | | |
| 5 | .30 | .13 | .06 | 0 | | | | | | | | |
| 6 | .24 | .09 | .06 | 0 | | | | | | | | |
| 7 | .29 | .09 | .06 | 0 | | | | | | | | |
| 8 | .37 | .06 | .06 | 0 | | | | | | | | |
| 9 | .28 | .05 | .04 | 0 | | | | | | | | |
| 10 | .27 | .08 | .03 | 0 | | | | | | | | |
| 11 | .26 | .05 | .03 | 0 | | | | | | | | |
| 12 | .28 | .07 | .03 | 0 | | | | | | | | |
| 13 | .33 | .06 | .03 | 0 | | | | | | | | |
| 14 | .33 | .15 | .03 | 0 | | | | | | | | |
| 15 | .32 | .10 | .03 | --- | | | | | | | | |
| 16 | .29 | .01 | .03 | --- | | | | | | | | |
| 17 | .29 | 0 | .03 | --- | | | | | | | | |
| 18 | .29 | 0 | .02 | --- | | | | | | | | |
| 19 | .28 | 0 | 0 | --- | | | | | | | | |
| 20 | .28 | .12 | 0 | --- | | | | | | | | |
| 21 | .28 | .25 | 0 | --- | | | | | | | | |
| 22 | .40 | .42 | 0 | --- | | | | | | | | |
| 23 | .70 | .40 | 0 | --- | | | | | | | | |
| 24 | .51 | .40 | 0 | --- | | | | | | | | |
| 25 | .44 | .38 | 0 | --- | | | | | | | | |
| 26 | .30 | .34 | 0 | --- | | | | | | | | |
| 27 | .25 | .27 | 0 | --- | | | | | | | | |
| 28 | .25 | .24 | 0 | --- | | | | | | | | |
| 29 | .23 | .21 | 0 | --- | | | | | | | | |
| 30 | .08 | .18 | 0 | --- | | | | | | | | |
| 31 | 0 | --- | 0 | --- | | | | | | | | |
| TOTAL | 9.27 | --- | .95 | --- | | | | | | | | |
| MEAN | .30 | --- | .031 | --- | | | | | | | | |
| MAX | .70 | --- | .15 | --- | | | | | | | | |
| MIN | 0 | --- | 0 | --- | | | | | | | | |
| AC-FT | 18 | --- | 1.9 | --- | | | | | | | | |

PROCESS DATE IS 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306415 EVACUATION CR BLW PARK CAN NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395054 LONGITUDE 1090748 DRAINAGE AREA DATUM STATE 49 COUNTY 047

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2980 | 3010 | 3010 | 6950 | | | | | | | | |
| 2 | 2960 | 3040 | 2940 | 6940 | | | | | | | | |
| 3 | 2960 | 3050 | 3010 | 7150 | | | | | | | | |
| 4 | 2980 | 3060 | 3100 | 7110 | | | | | | | | |
| 5 | 2980 | 3090 | 3160 | 6940 | | | | | | | | |
| 6 | 2990 | 3090 | 3160 | 6920 | | | | | | | | |
| 7 | 3390 | 3100 | 3150 | 6650 | | | | | | | | |
| 8 | 3440 | 3090 | 3150 | 6880 | | | | | | | | |
| 9 | 3150 | 3100 | 3140 | 7250 | | | | | | | | |
| 10 | 3200 | 3080 | 3030 | 7430 | | | | | | | | |
| 11 | 3260 | 3150 | 3020 | --- | | | | | | | | |
| 12 | 3260 | 3410 | 3020 | --- | | | | | | | | |
| 13 | 3240 | 3420 | 3030 | --- | | | | | | | | |
| 14 | 3160 | 3210 | 3050 | --- | | | | | | | | |
| 15 | 3110 | 2990 | 3110 | --- | | | | | | | | |
| 16 | 3140 | 2980 | 3250 | --- | | | | | | | | |
| 17 | 3150 | 2980 | 3390 | --- | | | | | | | | |
| 18 | 3170 | 2980 | 3470 | --- | | | | | | | | |
| 19 | 3160 | 2950 | 3710 | --- | | | | | | | | |
| 20 | 3130 | 3090 | 3710 | --- | | | | | | | | |
| 21 | 3100 | 3270 | 3660 | --- | | | | | | | | |
| 22 | 3120 | 3640 | 4320 | --- | | | | | | | | |
| 23 | 2590 | 3480 | 4390 | --- | | | | | | | | |
| 24 | 2740 | 3160 | 4470 | --- | | | | | | | | |
| 25 | 2980 | 3090 | 4870 | --- | | | | | | | | |
| 26 | 2970 | 3350 | 5130 | --- | | | | | | | | |
| 27 | 3030 | 3150 | 4990 | --- | | | | | | | | |
| 28 | 3020 | 3010 | 4920 | --- | | | | | | | | |
| 29 | 3020 | 2990 | 4980 | --- | | | | | | | | |
| 30 | 3000 | 3120 | 5350 | --- | | | | | | | | |
| 31 | 2930 | --- | 6270 | --- | | | | | | | | |
| MEAN | 3060 | 3140 | 3770 | --- | | | | | | | | |

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

PROCESS DATE 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306415 EVACUATION CR BLW PARK CAN NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395054 LONGITUDE 1090748 DRAINAGE AREA DATUM STATE 49 COUNTY 047

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 8.5 | 5.5 | 0.0 | -0.5 | | | | | | | | |
| 2 | 8.5 | 5.5 | 0.5 | -0.5 | | | | | | | | |
| 3 | 9.0 | 5.5 | 1.0 | -1.0 | | | | | | | | |
| 4 | 9.5 | 5.0 | 0.5 | -1.0 | | | | | | | | |
| 5 | 10.5 | 7.0 | 0.0 | -1.0 | | | | | | | | |
| 6 | 10.0 | 5.0 | 0.5 | -1.0 | | | | | | | | |
| 7 | 9.5 | 6.0 | 1.0 | -1.0 | | | | | | | | |
| 8 | 10.0 | 6.5 | 0.5 | -1.0 | | | | | | | | |
| 9 | 6.5 | 3.0 | 0.0 | -1.0 | | | | | | | | |
| 10 | 8.0 | 1.5 | 0.0 | -1.0 | | | | | | | | |
| 11 | 8.5 | 1.0 | 0.0 | -1.0 | | | | | | | | |
| 12 | 8.5 | 0.5 | 0.0 | -1.0 | | | | | | | | |
| 13 | 7.5 | 0.0 | 0.5 | -1.0 | | | | | | | | |
| 14 | 6.5 | 0.0 | 0.5 | -1.0 | | | | | | | | |
| 15 | 6.5 | 1.5 | 0.5 | --- | | | | | | | | |
| 16 | 6.0 | 1.5 | 0.0 | --- | | | | | | | | |
| 17 | 7.0 | 2.0 | 0.0 | --- | | | | | | | | |
| 18 | 7.5 | 2.0 | 0.0 | --- | | | | | | | | |
| 19 | 7.0 | 1.5 | 0.0 | --- | | | | | | | | |
| 20 | 6.0 | 0.5 | -0.5 | --- | | | | | | | | |
| 21 | 6.0 | 0.0 | -0.5 | --- | | | | | | | | |
| 22 | 6.5 | 0.0 | -0.5 | --- | | | | | | | | |
| 23 | 2.5 | 0.0 | -0.5 | --- | | | | | | | | |
| 24 | 3.5 | 0.0 | -0.5 | --- | | | | | | | | |
| 25 | 2.5 | 0.0 | -0.5 | --- | | | | | | | | |
| 26 | 6.0 | 0.0 | -0.5 | --- | | | | | | | | |
| 27 | 5.0 | 0.0 | -0.5 | --- | | | | | | | | |
| 28 | 5.0 | 0.0 | -0.5 | --- | | | | | | | | |
| 29 | 5.0 | 0.0 | -0.5 | --- | | | | | | | | |
| 30 | 4.5 | 0.0 | -0.5 | --- | | | | | | | | |
| 31 | 7.0 | --- | -0.5 | --- | | | | | | | | |
| MEAN | 7.0 | 2.0 | 0.0 | --- | | | | | | | | |

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

PROCESS DATE IS 08-19-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306417 THIMBLE ROCK CAN NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 394930 LONGITUDE 1090937 DRAINAGE AREA DATUM STATE 49 COUNTY 047

5-15

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | 0 | | | | | | | | |
| 2 | | | | 0 | | | | | | | | |
| 3 | | | | 0 | | | | | | | | |
| 4 | | | | 0 | | | | | | | | |
| 5 | | | | 0 | | | | | | | | |
| 6 | | | | 0 | | | | | | | | |
| 7 | | | | --- | | | | | | | | |
| 8 | | | | --- | | | | | | | | |
| 9 | | | | --- | | | | | | | | |
| 10 | | | | --- | | | | | | | | |
| 11 | | | | --- | | | | | | | | |
| 12 | | | | --- | | | | | | | | |
| 13 | | | | --- | | | | | | | | |
| 14 | | | | --- | | | | | | | | |
| 15 | | | | --- | | | | | | | | |
| 16 | | | | --- | | | | | | | | |
| 17 | | | | --- | | | | | | | | |
| 18 | | | | --- | | | | | | | | |
| 19 | | | | --- | | | | | | | | |
| 20 | | | | --- | | | | | | | | |
| 21 | | | | --- | | | | | | | | |
| 22 | | | | --- | | | | | | | | |
| 23 | | | | --- | | | | | | | | |
| 24 | | | | --- | | | | | | | | |
| 25 | | | | --- | | | | | | | | |
| 26 | | | | --- | | | | | | | | |
| 27 | | | | --- | | | | | | | | |
| 28 | | | | --- | | | | | | | | |
| 29 | | | | --- | | | | | | | | |
| 30 | | | | --- | | | | | | | | |
| 31 | | --- | | --- | | | | | | | | |
| TOTAL | 0 | 0 | 0 | --- | | | | | | | | |
| MEAN | 0 | 0 | 0 | --- | | | | | | | | |
| MAX | 0 | 0 | 0 | --- | | | | | | | | |
| MIN | 0 | 0 | 0 | --- | | | | | | | | |
| AC-FT | 0 | 0 | 0 | --- | | | | | | | | |

Unpublished Records
Surface Water

PROCESS DATE IS 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306417 THIMBLE ROCK CAN NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 394930 LONGITUDE 1090937 DRAINAGE AREA DATUM STATE 49 COUNTY 047

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | --- | 0 | | | | | | | | | |
| 2 | 0 | --- | 0 | | | | | | | | | |
| 3 | 0 | --- | --- | | | | | | | | | |
| 4 | 0 | --- | --- | | | | | | | | | |
| 5 | 0 | --- | --- | | | | | | | | | |
| 6 | 0 | --- | --- | | | | | | | | | |
| 7 | 0 | --- | --- | | | | | | | | | |
| 8 | 0 | --- | --- | | | | | | | | | |
| 9 | 0 | --- | --- | | | | | | | | | |
| 10 | 0 | --- | --- | | | | | | | | | |
| 11 | 0 | --- | --- | | | | | | | | | |
| 12 | 0 | --- | --- | | | | | | | | | |
| 13 | 0 | --- | --- | | | | | | | | | |
| 14 | 0 | --- | --- | | | | | | | | | |
| 15 | 0 | --- | --- | | | | | | | | | |
| 16 | 0 | --- | --- | | | | | | | | | |
| 17 | 0 | --- | --- | | | | | | | | | |
| 18 | 0 | --- | --- | | | | | | | | | |
| 19 | 0 | --- | --- | | | | | | | | | |
| 20 | 0 | --- | --- | | | | | | | | | |
| 21 | 0 | --- | --- | | | | | | | | | |
| 22 | 0 | --- | --- | | | | | | | | | |
| 23 | 0 | --- | --- | | | | | | | | | |
| 24 | 0 | --- | --- | | | | | | | | | |
| 25 | 0 | --- | --- | | | | | | | | | |
| 26 | 0 | --- | --- | | | | | | | | | |
| 27 | 0 | --- | --- | | | | | | | | | |
| 28 | 0 | 0 | --- | | | | | | | | | |
| 29 | 0 | --- | --- | | | | | | | | | |
| 30 | 0 | --- | --- | | | | | | | | | |
| 31 | 0 | --- | --- | | | | | | | | | |
| MEAN | 0 | --- | --- | | | | | | | | | |

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

PROCESS DATE IS 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306417 THIMBLE ROCK CAN NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 394930 LONGITUDE 1090937 DRAINAGE AREA DATUM STATE 49 COUNTY 047

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 8.0 | --- | -1.0 | | | | | | | | | |
| 2 | 9.0 | --- | -1.5 | | | | | | | | | |
| 3 | 13.5 | --- | --- | | | | | | | | | |
| 4 | 13.5 | --- | -1.0 | | | | | | | | | |
| 5 | 15.5 | --- | --- | | | | | | | | | |
| 6 | 14.0 | --- | --- | | | | | | | | | |
| 7 | 5.5 | --- | --- | | | | | | | | | |
| 8 | 0.0 | --- | --- | | | | | | | | | |
| 9 | 8.5 | --- | --- | | | | | | | | | |
| 10 | 9.5 | --- | -0.5 | | | | | | | | | |
| 11 | 13.5 | --- | -2.0 | | | | | | | | | |
| 12 | 13.0 | --- | --- | | | | | | | | | |
| 13 | 5.5 | --- | --- | | | | | | | | | |
| 14 | 5.0 | --- | --- | | | | | | | | | |
| 15 | 3.5 | --- | --- | | | | | | | | | |
| 16 | 5.0 | --- | --- | | | | | | | | | |
| 17 | 6.0 | --- | --- | | | | | | | | | |
| 18 | 6.5 | --- | --- | | | | | | | | | |
| 19 | 5.5 | --- | --- | | | | | | | | | |
| 20 | 5.0 | --- | --- | | | | | | | | | |
| 21 | 7.5 | --- | --- | | | | | | | | | |
| 22 | 10.0 | --- | --- | | | | | | | | | |
| 23 | 0.5 | --- | --- | | | | | | | | | |
| 24 | --- | --- | --- | | | | | | | | | |
| 25 | --- | --- | --- | | | | | | | | | |
| 26 | --- | --- | --- | | | | | | | | | |
| 27 | --- | --- | --- | | | | | | | | | |
| 28 | --- | -1.5 | --- | | | | | | | | | |
| 29 | --- | --- | --- | | | | | | | | | |
| 30 | --- | --- | --- | | | | | | | | | |
| 31 | --- | --- | --- | | | | | | | | | |
| MEAN | --- | --- | --- | | | | | | | | | |

Unpublished Records
Subject to Revision

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

PROCESS DATE IS 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306420 EVACUATION CREEK AT WATSON UTAH STREAM SOURCE AGENCY USGS
LATITUDE 395258 LONGITUDE 1090924 DRAINAGE AREA DATUM STATE 49 COUNTY 047

S-6

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | .02 | .07 | .05 | .02 | .03 | 1.9 | 2.1 | 1.0 | .91 | 0 | | |
| 2 | .02 | .02 | .05 | .11 | .10 | 1.5 | 2.0 | .80 | .47 | .07 | | |
| 3 | .03 | .01 | .07 | .05 | .04 | .74 | 2.1 | .68 | .35 | .14 | | |
| 4 | .03 | .02 | .09 | .03 | .05 | .73 | 2.0 | .56 | .23 | .02 | | |
| 5 | .03 | .02 | .07 | .03 | .11 | .75 | 2.2 | .51 | .11 | .01 | | |
| 6 | .03 | .08 | .06 | .04 | .30 | .92 | 2.2 | .72 | .08 | .01 | | |
| 7 | .03 | .06 | .05 | .05 | .14 | 1.5 | 1.7 | .62 | .06 | --- | | |
| 8 | .03 | .09 | .05 | .09 | .08 | 1.2 | 1.5 | 1.1 | .04 | --- | | |
| 9 | .02 | .08 | .08 | .12 | 55 | 1.4 | 1.2 | 12 | .02 | --- | | |
| 10 | .01 | .07 | .05 | .10 | 61 | 1.7 | 1.2 | 8.1 | .06 | --- | | |
| 11 | .01 | .06 | .06 | .11 | 19 | 2.7 | 1.2 | 3.7 | .13 | --- | | |
| 12 | .01 | .03 | .06 | .10 | 11 | 2.6 | 1.2 | 3.2 | .12 | --- | | |
| 13 | .02 | .02 | .06 | .11 | 9.6 | 1.9 | 1.2 | 2.8 | .11 | --- | | |
| 14 | .03 | .04 | .06 | .19 | 6.3 | 2.3 | 1.7 | 2.7 | .10 | --- | | |
| 15 | .05 | .11 | .06 | .05 | 4.1 | 2.3 | 1.9 | 2.4 | .06 | --- | | |
| 16 | .05 | .10 | .06 | .04 | 3.7 | 2.2 | 2.4 | 2.5 | .05 | --- | | |
| 17 | .03 | .08 | .08 | .04 | 3.0 | 2.9 | 3.1 | 2.8 | .03 | --- | | |
| 18 | .03 | .05 | .06 | .04 | 2.6 | 3.4 | 3.6 | 2.8 | .03 | --- | | |
| 19 | .03 | .04 | .05 | .04 | 3.0 | 3.5 | 4.1 | 2.7 | .02 | --- | | |
| 20 | .02 | .03 | .05 | .05 | 2.9 | 1.8 | 3.7 | 2.5 | .01 | --- | | |
| 21 | .02 | .08 | .05 | .03 | 1.9 | 1.8 | 3.0 | 2.6 | 0 | --- | | |
| 22 | .03 | .05 | .06 | .04 | 2.4 | 2.2 | 2.8 | 4.9 | .06 | --- | | |
| 23 | .53 | .05 | .06 | .03 | 2.4 | 2.2 | 2.5 | 4.4 | .21 | --- | | |
| 24 | .20 | .08 | .06 | .03 | 1.6 | 2.2 | 2.2 | 3.8 | .05 | --- | | |
| 25 | .04 | .07 | .05 | .05 | 1.4 | 2.4 | 1.9 | 3.2 | .02 | --- | | |
| 26 | .05 | .05 | .05 | .15 | 1.4 | 2.4 | 2.3 | 2.6 | 0 | --- | | |
| 27 | .04 | .05 | .05 | .21 | 1.7 | 2.1 | 2.0 | 2.2 | 0 | --- | | |
| 28 | .03 | .05 | .05 | .12 | 1.3 | 2.0 | 1.7 | 1.7 | 0 | --- | | |
| 29 | .02 | .05 | .05 | .09 | 1.4 | 1.8 | 1.2 | 1.2 | 0 | --- | | |
| 30 | .01 | .05 | .04 | .01 | --- | 2.3 | 1.1 | 1.1 | 0 | --- | | |
| 31 | .41 | --- | .01 | .02 | --- | 2.0 | --- | 1.3 | --- | --- | | |
| TOTAL | 1.91 | 1.66 | 1.75 | 2.19 | 197.55 | 61.34 | 63.0 | 83.19 | 3.33 | --- | | |
| MEAN | .062 | .055 | .057 | .071 | 6.81 | 1.98 | 2.10 | 2.68 | .11 | --- | | |
| MAX | .53 | .11 | .09 | .21 | 61 | 3.5 | 4.1 | 12 | .91 | --- | | |
| MIN | .01 | .01 | .01 | .01 | .03 | .73 | 1.1 | .51 | 0 | --- | | |
| AC-FT | 3.8 | 3.3 | 3.5 | 4.3 | 392 | 122 | 125 | 165 | 6.6 | --- | | |

Unpublished-Records
Subject to Revision

PROCESS DATE IS 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306420 EVACUATION CREEK AT WATSON UTAH STREAM SOURCE AGENCY USGS
LATITUDE 395258 LONGITUDE 1090924 DRAINAGE AREA DATUM STATE 49 COUNTY 047

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5300 | 4610 | 5210 | --- | 2470 | 925 | | | | | | |
| 2 | 5290 | 4820 | 5320 | --- | 2490 | 916 | | | | | | |
| 3 | 5280 | 4900 | 5240 | --- | 2490 | 878 | | | | | | |
| 4 | 5270 | 4870 | 5090 | --- | 2430 | 850 | | | | | | |
| 5 | 5280 | 4930 | 5230 | --- | 2590 | --- | | | | | | |
| 6 | 5280 | --- | 4820 | --- | 2540 | --- | | | | | | |
| 7 | 6350 | --- | 4960 | --- | 2460 | --- | | | | | | |
| 8 | 6480 | --- | 5060 | --- | 2430 | --- | | | | | | |
| 9 | 5530 | --- | 5110 | --- | 1790 | --- | | | | | | |
| 10 | 5380 | --- | 5140 | --- | --- | --- | | | | | | |
| 11 | 5330 | 5100 | 4930 | --- | --- | --- | | | | | | |
| 12 | 5570 | 5510 | 4790 | --- | 425 | --- | | | | | | |
| 13 | 5690 | 5400 | 4660 | --- | 450 | --- | | | | | | |
| 14 | 5410 | 5350 | 4820 | --- | 456 | --- | | | | | | |
| 15 | 5370 | 4990 | 5070 | 2660 | 480 | --- | | | | | | |
| 16 | 5350 | 4940 | 5080 | 2660 | 315 | --- | | | | | | |
| 17 | 5340 | 4530 | 5100 | 2680 | 228 | --- | | | | | | |
| 18 | 5330 | 4940 | --- | 2680 | 247 | --- | | | | | | |
| 19 | 5330 | 4950 | --- | 2690 | 469 | --- | | | | | | |
| 20 | 5330 | 5060 | --- | 2710 | 890 | --- | | | | | | |
| 21 | 5330 | 4930 | --- | 2660 | 1180 | --- | | | | | | |
| 22 | 5490 | 5060 | --- | 1690 | 1290 | --- | | | | | | |
| 23 | 3900 | 4990 | --- | 1710 | 1340 | --- | | | | | | |
| 24 | 3670 | 5080 | --- | 2710 | 1350 | --- | | | | | | |
| 25 | 3140 | 5240 | --- | 2720 | 1350 | --- | | | | | | |
| 26 | 4700 | 5470 | --- | 2450 | 1110 | --- | | | | | | |
| 27 | 5180 | 5320 | --- | 2720 | 884 | --- | | | | | | |
| 28 | 5200 | 5190 | --- | 2710 | 905 | --- | | | | | | |
| 29 | 5280 | 5230 | --- | 2570 | 909 | --- | | | | | | |
| 30 | 5330 | 5260 | --- | 2460 | --- | --- | | | | | | |
| 31 | 3740 | --- | --- | 2470 | --- | --- | | | | | | |
| MEAN | 5180 | 5070 | --- | --- | 1330 | --- | | | | | | |

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

PROCESS DATE IS 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306420 EVACUATION CREEK AT WATSON UTAH STREAM SOURCE AGENCY USGS
LATITUDE 395258 LONGITUDE 1090924 DRAINAGE AREA DATUM STATE 49 COUNTY 047

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | --- | --- | 4.5 | 1.0 | 2.5 | --- | 11.5 | 14.5 | | | |
| 2 | | --- | --- | 4.0 | 1.0 | 2.0 | --- | 12.5 | 15.0 | | | |
| 3 | | --- | --- | 4.0 | 1.0 | 1.0 | --- | 12.5 | 14.0 | | | |
| 4 | | --- | 1.0 | 4.0 | 1.5 | 0.5 | --- | 13.5 | 15.5 | | | |
| 5 | | --- | 1.0 | 4.0 | 0.5 | --- | --- | 13.5 | 15.5 | | | |
| 6 | | --- | 1.0 | 4.5 | 0.0 | --- | --- | 11.5 | 15.0 | | | |
| 7 | | --- | 1.0 | 4.5 | 0.0 | --- | --- | 13.0 | 15.0 | | | |
| 8 | | --- | 1.0 | 2.5 | 0.0 | --- | --- | 12.0 | 15.5 | | | |
| 9 | | --- | 0.5 | 0.5 | 0.0 | --- | --- | 15.5 | 16.0 | | | |
| 10 | | --- | 0.5 | 0.5 | -0.5 | --- | --- | 9.5 | 13.0 | | | |
| 11 | | 2.5 | 1.0 | 0.5 | -0.5 | --- | --- | --- | --- | | | |
| 12 | | 2.0 | 0.5 | 0.5 | -0.5 | --- | --- | --- | --- | | | |
| 13 | | 1.5 | 0.5 | 0.0 | 0.0 | --- | 10.5 | --- | --- | | | |
| 14 | | 1.5 | 0.0 | 0.0 | 0.0 | --- | 8.5 | 21.0 | --- | | | |
| 15 | | 2.5 | 0.0 | 0.0 | 0.0 | --- | 9.0 | 13.5 | --- | | | |
| 16 | | 1.0 | -0.5 | 0.5 | 0.0 | --- | --- | 13.0 | --- | | | |
| 17 | | 1.0 | -1.5 | 0.5 | 0.0 | --- | --- | 15.5 | --- | | | |
| 18 | | 1.0 | -1.5 | 0.5 | 0.5 | --- | --- | 16.5 | --- | | | |
| 19 | | 1.0 | -0.5 | 0.5 | 0.5 | --- | --- | 15.0 | --- | | | |
| 20 | | 1.0 | -1.0 | 0.0 | 0.0 | --- | 14.0 | 15.0 | --- | | | |
| 21 | | --- | -1.0 | 0.0 | 0.0 | --- | 10.5 | 13.5 | --- | | | |
| 22 | | --- | -0.5 | 0.0 | 0.0 | --- | 8.5 | 13.0 | --- | | | |
| 23 | | --- | 0.0 | 0.5 | 0.0 | --- | 11.0 | 16.0 | --- | | | |
| 24 | | --- | -0.5 | 1.5 | 0.0 | --- | 10.0 | 15.5 | --- | | | |
| 25 | | --- | 0.5 | 0.5 | 0.5 | --- | 9.5 | 14.0 | --- | | | |
| 26 | | --- | 1.0 | 0.5 | 1.0 | --- | 8.5 | 14.0 | --- | | | |
| 27 | | --- | 3.0 | 0.5 | 1.5 | --- | 9.0 | 14.5 | --- | | | |
| 28 | | --- | 1.5 | 1.0 | 1.0 | --- | 10.5 | 15.0 | --- | | | |
| 29 | | --- | 0.5 | 1.0 | 2.0 | --- | 11.0 | 14.0 | --- | | | |
| 30 | | --- | 3.5 | 1.5 | --- | --- | 11.5 | 13.0 | --- | | | |
| 31 | | --- | 5.0 | 1.0 | --- | --- | --- | 15.0 | --- | | | |
| MEAN | | --- | 0.5 | 1.5 | 0.5 | --- | --- | 14.0 | --- | | | |

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

PROCESS DATE IS 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306425 EVACUATION CR TRIBUTARY NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395400 LONGITUDE 1090920 DRAINAGE AREA DATUM STATE 49 COUNTY 047

S-8

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | --- | --- | | | | | | | | | |
| 2 | 0 | --- | --- | | | | | | | | | |
| 3 | 0 | --- | --- | | | | | | | | | |
| 4 | 0 | --- | 0 | | | | | | | | | |
| 5 | 0 | --- | 0 | | | | | | | | | |
| 6 | 0 | --- | 0 | | | | | | | | | |
| 7 | 0 | --- | 0 | | | | | | | | | |
| 8 | 0 | --- | 0 | | | | | | | | | |
| 9 | 0 | --- | 0 | | | | | | | | | |
| 10 | --- | --- | 0 | | | | | | | | | |
| 11 | --- | 0 | 0 | | | | | | | | | |
| 12 | --- | 0 | 0 | | | | | | | | | |
| 13 | --- | 0 | 0 | | | | | | | | | |
| 14 | --- | 0 | 0 | | | | | | | | | |
| 15 | --- | --- | --- | | | | | | | | | |
| 16 | --- | --- | --- | | | | | | | | | |
| 17 | --- | --- | 0 | | | | | | | | | |
| 18 | --- | --- | --- | | | | | | | | | |
| 19 | --- | --- | --- | | | | | | | | | |
| 20 | --- | --- | --- | | | | | | | | | |
| 21 | --- | --- | --- | | | | | | | | | |
| 22 | --- | --- | --- | | | | | | | | | |
| 23 | --- | --- | --- | | | | | | | | | |
| 24 | --- | --- | --- | | | | | | | | | |
| 25 | --- | --- | --- | | | | | | | | | |
| 26 | --- | --- | --- | | | | | | | | | |
| 27 | --- | --- | --- | | | | | | | | | |
| 28 | --- | --- | --- | | | | | | | | | |
| 29 | --- | --- | --- | | | | | | | | | |
| 30 | --- | --- | --- | | | | | | | | | |
| 31 | --- | --- | --- | | | | | | | | | |
| TOTAL | --- | --- | --- | --- | | | | | | | | |
| MEAN | --- | --- | --- | --- | | | | | | | | |
| MAX | --- | --- | --- | --- | | | | | | | | |
| MIN | --- | --- | --- | --- | | | | | | | | |
| AC-FT | --- | --- | --- | --- | | | | | | | | |

PROCESS DATE IS 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306425 EVACUATION CR TRIBUTARY NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395400 LONGITUDE 1090920 DRAINAGE AREA DATUM STATE 49 COUNTY 047

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | |
| 26 | | | | | | | | | | | | |
| 27 | | | | | | | | | | | | |
| 28 | | | | | | | | | | | | |
| 29 | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | |
| MEAN | | | | | | | | | | | | |

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306425 EVACUATION CR TRIBUTARY NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395400 LONGITUDE 1090920 DRAINAGE AREA DATUM STATE 49 COUNTY 047

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.0 | 0.0 | 0.0 | -4.0 | | | | | | | | |
| 2 | 0.0 | 0.0 | 0.0 | -3.0 | | | | | | | | |
| 3 | 0.0 | 0.0 | 0.0 | -3.0 | | | | | | | | |
| 4 | 0.0 | 0.0 | 0.5 | -3.0 | | | | | | | | |
| 5 | 0.0 | 0.0 | 1.0 | -4.5 | | | | | | | | |
| 6 | 0.0 | 0.0 | 3.0 | -1.5 | | | | | | | | |
| 7 | 0.0 | 0.0 | -1.0 | -3.5 | | | | | | | | |
| 8 | 0.0 | 0.0 | -0.5 | -4.0 | | | | | | | | |
| 9 | 0.0 | 0.0 | -2.0 | -3.5 | | | | | | | | |
| 10 | 0.0 | 0.0 | -3.0 | -0.5 | | | | | | | | |
| 11 | 0.0 | 0.0 | -1.0 | -1.5 | | | | | | | | |
| 12 | 0.0 | 0.0 | 0.5 | -2.0 | | | | | | | | |
| 13 | 0.0 | 0.0 | 1.0 | -1.0 | | | | | | | | |
| 14 | 0.0 | 0.0 | -1.5 | 0.0 | | | | | | | | |
| 15 | 0.0 | 0.0 | -3.0 | --- | | | | | | | | |
| 16 | 0.0 | 0.0 | -2.5 | --- | | | | | | | | |
| 17 | 0.0 | 0.0 | -2.5 | --- | | | | | | | | |
| 18 | 0.0 | 0.0 | -1.5 | --- | | | | | | | | |
| 19 | 0.0 | 0.0 | -2.0 | --- | | | | | | | | |
| 20 | 0.0 | 0.0 | -2.0 | --- | | | | | | | | |
| 21 | 0.0 | 0.0 | -3.5 | --- | | | | | | | | |
| 22 | 0.0 | 0.0 | -2.0 | --- | | | | | | | | |
| 23 | 0.0 | 0.0 | -4.5 | --- | | | | | | | | |
| 24 | 0.0 | 0.0 | -3.0 | --- | | | | | | | | |
| 25 | 0.0 | 0.0 | -1.5 | --- | | | | | | | | |
| 26 | 0.0 | 0.0 | -2.0 | --- | | | | | | | | |
| 27 | 0.0 | 0.0 | -1.0 | --- | | | | | | | | |
| 28 | 0.0 | 0.0 | -1.5 | --- | | | | | | | | |
| 29 | 0.0 | 0.0 | -3.0 | --- | | | | | | | | |
| 30 | 0.0 | 0.0 | -1.5 | --- | | | | | | | | |
| 31 | 0.0 | --- | -4.0 | --- | | | | | | | | |
| MEAN | 0.0 | 0.0 | -1.5 | --- | | | | | | | | |

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

PROCESS DATE IS 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306430 EVACUATION CR NR MOUTH NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395704 LONGITUDE 1090931 DRAINAGE AREA DATUM STATE 49 COUNTY 047

S-2

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | .06 | .06 | .03 | 6.5 | 1.2 | 1.6 | 1.6 | 1.0 | | | |
| 2 | 0 | .07 | .05 | .03 | .58 | .83 | 1.7 | 1.2 | .54 | | | |
| 3 | 0 | .07 | .05 | .02 | .24 | .45 | 1.7 | 1.1 | .54 | | | |
| 4 | 0 | .07 | .05 | .02 | .30 | .47 | 1.8 | 1.2 | .54 | | | |
| 5 | 0 | .07 | .05 | .02 | .50 | .41 | 1.8 | 1.6 | .54 | | | |
| 6 | 0 | .07 | .05 | .02 | 1.5 | .47 | 2.0 | 3.0 | .51 | | | |
| 7 | .01 | .07 | .04 | .02 | 4.5 | .47 | 2.1 | 4.7 | .47 | | | |
| 8 | .03 | .07 | .04 | .12 | 20 | .45 | 2.1 | 7.7 | --- | | | |
| 9 | .04 | .07 | .05 | .11 | 54 | .47 | 1.7 | 12 | --- | | | |
| 10 | .04 | .07 | .04 | .12 | 186 | .49 | 1.4 | 53 | --- | | | |
| 11 | .04 | .07 | .04 | .09 | 95 | 1.2 | 1.2 | .59 | --- | | | |
| 12 | .05 | .07 | .04 | .09 | 72 | .70 | 1.3 | .44 | --- | | | |
| 13 | .05 | .07 | .04 | .08 | 46 | .69 | 1.4 | .56 | --- | | | |
| 14 | .05 | .07 | .03 | .08 | 9.8 | .99 | 1.5 | .68 | --- | | | |
| 15 | .05 | .07 | .04 | .07 | 2.9 | 1.0 | 1.7 | .60 | --- | | | |
| 16 | .06 | .07 | .03 | .07 | 4.3 | 1.2 | 1.6 | .65 | --- | | | |
| 17 | .07 | .07 | .03 | .06 | 3.2 | 1.5 | 1.8 | .81 | --- | | | |
| 18 | .70 | .08 | .03 | .06 | 2.6 | 1.9 | 1.9 | 1.1 | --- | | | |
| 19 | .40 | .08 | .03 | .05 | 1.7 | 2.5 | 2.6 | 1.3 | --- | | | |
| 20 | .20 | .08 | .04 | .06 | .42 | 1.4 | 2.6 | 1.6 | --- | | | |
| 21 | .06 | .08 | .03 | .04 | .30 | 1.4 | 1.7 | 2.3 | --- | | | |
| 22 | .06 | .08 | .02 | .04 | .41 | 1.7 | 1.5 | 3.2 | --- | | | |
| 23 | --- | .07 | .02 | .08 | .38 | 2.2 | 1.4 | 2.9 | --- | | | |
| 24 | --- | .07 | .04 | .14 | .26 | 1.9 | 1.3 | 2.6 | --- | | | |
| 25 | --- | .06 | .05 | .24 | .54 | 2.5 | 1.2 | 2.5 | --- | | | |
| 26 | --- | .06 | .06 | .51 | .36 | 1.8 | 1.8 | 1.8 | --- | | | |
| 27 | --- | .06 | .09 | 1.1 | .69 | 1.9 | 1.9 | 1.1 | --- | | | |
| 28 | --- | .07 | .10 | 1.8 | .62 | 1.8 | 1.4 | 1.1 | --- | | | |
| 29 | --- | .06 | .08 | 2.4 | .78 | 1.5 | 1.1 | .85 | --- | | | |
| 30 | --- | .06 | .05 | 3.9 | --- | 1.3 | 1.4 | .72 | --- | | | |
| 31 | --- | --- | .04 | 6.2 | --- | 1.4 | --- | 1.2 | --- | | | |
| TOTAL | --- | 2.09 | 1.41 | 17.67 | 516.38 | 38.19 | 50.2 | 115.70 | --- | | | |
| MEAN | --- | .070 | .046 | .57 | 17.8 | 1.23 | 1.67 | 3.73 | --- | | | |
| MAX | --- | .08 | .10 | 6.2 | 186 | 2.5 | 2.6 | 53 | --- | | | |
| MIN | --- | .06 | .02 | .02 | .24 | .41 | 1.1 | .44 | --- | | | |
| AC-FT | --- | 4.1 | 2.8 | 35 | 1020 | 76 | 100 | 229 | --- | | | |

PROCESS DATE IS 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306430 EVACUATION CR NR MOUTH NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395704 LONGITUDE 1090931 DRAINAGE AREA DATUM STATE 49 COUNTY 047

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | --- | 4770 | 4650 | 4780 | 2910 | --- | 3380 | 3720 | | | |
| 2 | --- | --- | 4780 | 4680 | 4980 | 2890 | --- | 3240 | 3630 | | | |
| 3 | --- | --- | 4670 | 4660 | 4800 | 3030 | --- | 3190 | 3600 | | | |
| 4 | --- | --- | 4560 | 4670 | 4740 | --- | --- | 3830 | 4110 | | | |
| 5 | --- | 4730 | 4540 | 4650 | 4760 | --- | --- | 4400 | 4200 | | | |
| 6 | --- | 4730 | 4520 | 4620 | 4770 | --- | 3210 | 3900 | 4140 | | | |
| 7 | 5290 | 4690 | 4560 | 4650 | 4720 | --- | 3190 | 3320 | 4080 | | | |
| 8 | 4970 | 4630 | 4560 | 4620 | 4710 | --- | 3240 | 3220 | --- | | | |
| 9 | 4740 | 4670 | 4560 | 4630 | 3940 | --- | 3240 | 2500 | --- | | | |
| 10 | 4630 | 4640 | 4550 | 4620 | 467 | --- | 3210 | 1540 | --- | | | |
| 11 | --- | 4710 | 4540 | 4640 | 366 | --- | 3210 | 2950 | --- | | | |
| 12 | --- | 4740 | 4510 | 4620 | 396 | --- | 3670 | 3870 | --- | | | |
| 13 | --- | 4750 | 4470 | 4640 | 420 | --- | 3830 | 4260 | --- | | | |
| 14 | --- | 4730 | 4580 | 4670 | 471 | --- | 3690 | 4220 | --- | | | |
| 15 | --- | 4740 | 4720 | 4630 | 934 | --- | 3640 | 4240 | --- | | | |
| 16 | --- | 4740 | 4720 | 4620 | 1180 | --- | 3540 | 4270 | --- | | | |
| 17 | 4710 | 2700 | 4680 | 4630 | 1230 | --- | 3460 | 4140 | --- | | | |
| 18 | --- | 2760 | 4660 | 4620 | 1250 | --- | 3370 | 3900 | --- | | | |
| 19 | --- | 4620 | 4690 | 4630 | 1530 | --- | 3330 | 3700 | --- | | | |
| 20 | --- | 4840 | 4720 | 4650 | 2060 | --- | 3150 | 3060 | --- | | | |
| 21 | --- | 4790 | 4740 | 4660 | 2110 | --- | 2920 | 2380 | --- | | | |
| 22 | --- | 4820 | 4770 | 4670 | 2110 | --- | 2990 | 1910 | --- | | | |
| 23 | --- | 4820 | 4700 | 4660 | 3000 | --- | 3650 | 1860 | --- | | | |
| 24 | --- | 4800 | 4660 | 4640 | 4100 | --- | 4050 | 1870 | --- | | | |
| 25 | --- | 4830 | 4630 | 4680 | 3850 | --- | 3710 | 1790 | --- | | | |
| 26 | --- | 4940 | 4630 | 4670 | 3340 | --- | 3510 | 2490 | --- | | | |
| 27 | --- | 4850 | 4640 | 4650 | 2840 | --- | 3410 | 3380 | --- | | | |
| 28 | --- | 4790 | 4670 | 4640 | 2770 | --- | 3370 | 4060 | --- | | | |
| 29 | --- | 4810 | 4670 | 4660 | 2860 | --- | 3470 | 4090 | --- | | | |
| 30 | --- | 4820 | 4630 | 4640 | --- | --- | 3920 | 4100 | --- | | | |
| 31 | --- | --- | 4590 | 4650 | --- | --- | --- | 3980 | --- | | | |
| MEAN | --- | 4610 | 4640 | 4650 | 2740 | --- | 3440 | 3320 | --- | | | |

Unpublished Records
Subject to Revision

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306430 EVACUATION CR NR MOUTH NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395704 LONGITUDE 1090931 DRAINAGE AREA DATUM STATE 49 COUNTY 047

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 10.5 | --- | 1.0 | 0.5 | 1.0 | 4.5 | --- | 11.5 | 15.0 | | | |
| 2 | 10.5 | --- | 1.0 | 0.0 | 1.0 | 3.0 | --- | 12.5 | 14.5 | | | |
| 3 | 11.0 | --- | 1.5 | 0.5 | 0.5 | 2.0 | --- | 12.0 | 13.5 | | | |
| 4 | 11.0 | --- | 1.5 | 0.5 | 1.0 | --- | --- | 13.0 | 14.5 | | | |
| 5 | 12.0 | 8.0 | 2.0 | 0.5 | 1.0 | --- | --- | --- | 15.0 | | | |
| 6 | 11.0 | 6.0 | 3.0 | 1.0 | 0.5 | --- | 7.5 | 12.0 | 15.0 | | | |
| 7 | 11.0 | 7.0 | 1.5 | 0.5 | 1.0 | --- | 7.5 | 13.5 | 13.5 | | | |
| 8 | 8.5 | 7.5 | 2.0 | 0.5 | 1.0 | --- | 9.0 | 12.5 | --- | | | |
| 9 | 8.5 | 4.5 | 1.5 | 0.5 | 2.0 | --- | 9.5 | 15.0 | --- | | | |
| 10 | 9.5 | 3.0 | 1.5 | 1.0 | 0.0 | --- | 9.0 | 14.0 | --- | | | |
| 11 | 9.5 | 2.5 | 2.0 | 0.5 | 0.0 | --- | 9.5 | 13.5 | --- | | | |
| 12 | 9.0 | 2.0 | 2.5 | 0.5 | 0.0 | --- | 9.0 | 11.5 | --- | | | |
| 13 | 8.0 | 1.5 | 2.0 | 0.5 | 0.0 | --- | 8.5 | 14.0 | --- | | | |
| 14 | 8.0 | 2.0 | 0.5 | 0.0 | 0.0 | --- | 8.5 | 15.5 | --- | | | |
| 15 | 7.5 | 3.0 | 0.0 | 0.5 | 0.0 | --- | 9.0 | 13.0 | --- | | | |
| 16 | 8.0 | 3.0 | 0.0 | 0.5 | 0.5 | --- | 9.0 | 13.5 | --- | | | |
| 17 | 8.5 | 2.5 | 0.0 | 0.5 | 0.5 | --- | 8.5 | 15.0 | --- | | | |
| 18 | 8.5 | --- | 0.0 | 1.0 | 1.0 | --- | 8.5 | 15.5 | --- | | | |
| 19 | 8.5 | 3.0 | 0.0 | 0.5 | 1.5 | --- | 9.5 | 14.5 | --- | | | |
| 20 | 7.5 | 1.0 | 0.0 | 0.5 | 1.0 | --- | 10.0 | 15.5 | --- | | | |
| 21 | 7.5 | 2.0 | 0.5 | 0.0 | 0.5 | --- | 10.5 | 14.0 | --- | | | |
| 22 | 7.0 | 1.0 | 0.5 | 0.0 | 1.0 | --- | 9.5 | 13.5 | --- | | | |
| 23 | 4.5 | 1.0 | 0.5 | 0.0 | 1.5 | --- | 11.5 | 16.5 | --- | | | |
| 24 | 4.5 | 1.0 | 0.5 | 1.0 | 2.5 | --- | 10.5 | 15.5 | --- | | | |
| 25 | 4.0 | 0.5 | 1.0 | 0.5 | 3.0 | --- | 10.0 | 14.0 | --- | | | |
| 26 | --- | 0.0 | 0.5 | 0.0 | 3.0 | --- | 8.0 | 15.5 | --- | | | |
| 27 | --- | 0.5 | 0.5 | 0.5 | 4.0 | --- | 9.5 | 15.5 | --- | | | |
| 28 | --- | 0.5 | 0.0 | 0.5 | 3.0 | --- | 10.5 | 15.0 | --- | | | |
| 29 | --- | -0.5 | 0.0 | 0.5 | 3.5 | --- | 12.0 | 14.5 | --- | | | |
| 30 | --- | 0.0 | 0.5 | 1.0 | --- | --- | 11.0 | 13.5 | --- | | | |
| 31 | --- | --- | 1.0 | 1.0 | --- | --- | --- | 15.5 | --- | | | |
| MEAN | 8.5 | 2.5 | 1.0 | 0.5 | 1.0 | --- | 9.5 | 14.0 | --- | | | |

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

PROCESS DATE IS 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306500 WHITE R NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395846 LONGITUDE 1091041 DRAINAGE AREA 4020.00 DATUM 4946.78 STATE 49 COUNTY 047

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 721 | 723 | 573 | 622 | 542 | 718 | 985 | 711 | 277 | 644 | | |
| 2 | 720 | 728 | 619 | 614 | 532 | 675 | 977 | 632 | 297 | --- | | |
| 3 | 716 | 733 | 606 | 605 | 534 | 620 | 965 | 615 | 296 | --- | | |
| 4 | 721 | 709 | 564 | 584 | 536 | 690 | 951 | --- | 290 | --- | | |
| 5 | 725 | 705 | 556 | 578 | 541 | 681 | 921 | 505 | 291 | --- | | |
| 6 | 722 | --- | 553 | 585 | 539 | 714 | 916 | 505 | 286 | --- | | |
| 7 | 721 | --- | 550 | 610 | 533 | 732 | 887 | 523 | 298 | --- | | |
| 8 | 728 | --- | 574 | 598 | 528 | 722 | 870 | 541 | 315 | --- | | |
| 9 | 730 | --- | 566 | 570 | 533 | 678 | 867 | 548 | 349 | --- | | |
| 10 | 732 | --- | 573 | 554 | 529 | 650 | 897 | 528 | 338 | --- | | |
| 11 | 734 | 701 | 544 | 552 | 535 | 656 | 912 | --- | 327 | --- | | |
| 12 | 726 | 708 | 525 | 557 | 488 | 682 | 872 | 487 | 323 | --- | | |
| 13 | 731 | 721 | 522 | 557 | 541 | 702 | 836 | 458 | 326 | --- | | |
| 14 | 736 | 712 | 515 | 562 | 614 | 746 | --- | 446 | 322 | --- | | |
| 15 | 737 | 720 | 533 | 611 | 685 | 787 | 791 | 449 | 339 | --- | | |
| 16 | 734 | 738 | 549 | 620 | 699 | 766 | 801 | 404 | 362 | --- | | |
| 17 | 711 | 713 | 558 | 618 | 722 | 653 | 802 | 379 | 375 | --- | | |
| 18 | 700 | 701 | 566 | 650 | 691 | 781 | 795 | 380 | 385 | --- | | |
| 19 | 706 | 709 | 603 | 636 | 672 | 885 | 808 | 370 | 391 | --- | | |
| 20 | 708 | 695 | 652 | 615 | 738 | 748 | 831 | 357 | 394 | --- | | |
| 21 | 711 | 624 | 658 | 618 | 772 | 769 | 892 | 350 | 408 | --- | | |
| 22 | 713 | 699 | 703 | 628 | 765 | 831 | 903 | 347 | 490 | --- | | |
| 23 | 713 | 693 | 700 | 632 | 671 | --- | 872 | 357 | 688 | --- | | |
| 24 | 718 | 672 | 700 | 638 | 614 | 934 | 849 | 354 | 548 | --- | | |
| 25 | 706 | 685 | 700 | 648 | 769 | 987 | 821 | 372 | 515 | --- | | |
| 26 | 710 | 629 | 678 | 625 | 800 | 978 | 782 | 395 | 521 | --- | | |
| 27 | 731 | 578 | 645 | 592 | 740 | 981 | 774 | 409 | 554 | --- | | |
| 28 | 763 | 553 | 630 | 570 | 745 | 1010 | 759 | 411 | --- | --- | | |
| 29 | --- | 562 | 625 | 583 | 760 | 1010 | 748 | 344 | --- | --- | | |
| 30 | 747 | 554 | 622 | 636 | --- | 1000 | 747 | 294 | 5620 | --- | | |
| 31 | 705 | --- | 622 | 597 | --- | 975 | --- | 280 | --- | --- | | |
| MEAN | 723 | 679 | 599 | 602 | 633 | 792 | 856 | 440 | 569 | --- | | |

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

PROCESS DATE IS 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306500 WHITE R NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395846 LONGITUDE 1091041 DRAINAGE AREA 4020.00 DATUM 4946.78 STATE 49 COUNTY 047

S-3

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 431 | 509 | 305 | 200 | 300 | 900 | 393 | 662 | 1700 | 555 | | |
| 2 | 433 | 501 | 336 | 200 | 300 | 900 | 413 | 673 | 1550 | --- | | |
| 3 | 433 | 492 | 400 | 200 | 300 | 900 | 425 | 726 | 1670 | --- | | |
| 4 | 445 | 473 | 400 | 200 | 300 | 750 | 435 | 839 | 1730 | --- | | |
| 5 | 445 | 483 | 400 | 200 | 300 | 600 | 461 | 873 | 1780 | --- | | |
| 6 | 432 | 478 | 400 | 200 | 300 | 600 | 528 | 849 | 1750 | --- | | |
| 7 | 423 | 469 | 400 | 200 | 300 | 600 | 575 | 836 | 1830 | --- | | |
| 8 | 427 | 471 | 400 | 200 | 300 | 600 | 544 | 817 | 1770 | --- | | |
| 9 | 434 | 472 | 400 | 200 | 300 | 600 | 522 | 804 | 1660 | --- | | |
| 10 | 443 | 476 | 400 | 200 | 300 | 600 | 481 | 784 | 1560 | --- | | |
| 11 | 427 | 459 | 400 | 200 | 400 | 500 | 503 | 775 | 1550 | --- | | |
| 12 | 412 | 445 | 400 | 200 | 400 | 500 | 517 | 1080 | 1450 | --- | | |
| 13 | 408 | 430 | 400 | 200 | 400 | 500 | 539 | 1250 | 1230 | --- | | |
| 14 | 411 | 384 | 350 | 200 | 400 | 500 | 594 | 1250 | 1120 | --- | | |
| 15 | 445 | 402 | 350 | 200 | 400 | 500 | 569 | 1250 | 1090 | --- | | |
| 16 | 449 | 413 | 300 | 250 | 500 | 500 | 541 | 1250 | 996 | --- | | |
| 17 | 446 | 411 | 300 | 250 | 500 | 500 | 542 | 1270 | 878 | --- | | |
| 18 | 442 | 408 | 300 | 250 | 500 | 600 | 546 | 1620 | 854 | --- | | |
| 19 | 441 | 408 | 300 | 250 | 500 | 600 | 553 | 1930 | 882 | --- | | |
| 20 | 446 | 392 | 300 | 250 | 500 | 600 | 571 | 1990 | 806 | --- | | |
| 21 | 436 | 388 | 250 | 250 | 600 | 600 | 522 | 2130 | 724 | --- | | |
| 22 | 433 | 390 | 250 | 250 | 600 | 577 | 494 | 2130 | 744 | --- | | |
| 23 | 472 | 390 | 250 | 250 | 600 | 578 | 484 | 2110 | 804 | --- | | |
| 24 | 474 | 390 | 250 | 250 | 600 | 579 | 497 | 1990 | 994 | --- | | |
| 25 | 476 | 390 | 250 | 250 | 600 | 553 | 522 | 1890 | 903 | --- | | |
| 26 | 463 | 390 | 200 | 250 | 750 | 545 | 528 | 1700 | 783 | --- | | |
| 27 | 443 | 276 | 200 | 250 | 900 | 487 | 560 | 1490 | 713 | --- | | |
| 28 | 499 | 297 | 200 | 250 | 900 | 451 | 559 | 1470 | 664 | --- | | |
| 29 | 471 | 405 | 200 | 250 | 900 | 432 | 537 | 1590 | 607 | --- | | |
| 30 | 452 | 405 | 200 | 250 | --- | 428 | 580 | 1760 | 582 | --- | | |
| 31 | 475 | --- | 200 | 250 | --- | 399 | --- | 1850 | --- | --- | | |
| TOTAL | 13767 | 12697 | 9691 | 7000 | 13950 | 17979 | 15535 | 41638 | 35374 | --- | | |
| MEAN | 444 | 423 | 313 | 226 | 481 | 580 | 518 | 1343 | 1179 | --- | | |
| MAX | 499 | 509 | 400 | 250 | 900 | 900 | 594 | 2130 | 1830 | --- | | |
| MIN | 408 | 276 | 200 | 200 | 300 | 399 | 393 | 662 | 582 | --- | | |
| AC-FT | 27310 | 25180 | 19220 | 13880 | 27670 | 35660 | 30810 | 82590 | 70160 | --- | | |

PROCESS DATE IS 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306500 WHITE R NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395846 LONGITUDE 1091041 DRAINAGE AREA 4020.00 DATUM 4946.78 STATE 49 COUNTY 047

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 12.5 | --- | 1.0 | 0.0 | -0.5 | 0.0 | 8.5 | 14.0 | 15.5 | 21.0 | | |
| 2 | 12.0 | --- | 0.0 | 0.0 | -0.5 | -0.5 | 9.0 | 14.5 | 16.5 | --- | | |
| 3 | 12.0 | --- | 0.0 | 0.0 | -0.5 | -0.5 | 9.5 | 14.5 | 16.5 | --- | | |
| 4 | 12.0 | --- | 0.0 | 0.0 | -0.5 | -0.5 | 10.5 | 14.5 | 16.0 | --- | | |
| 5 | 12.5 | --- | 0.0 | 0.0 | -0.5 | -0.5 | 9.5 | 14.0 | 16.5 | --- | | |
| 6 | 14.0 | --- | 0.0 | 0.0 | -0.5 | -0.5 | 8.0 | 13.5 | 17.0 | --- | | |
| 7 | 13.0 | --- | 0.0 | 0.0 | -0.5 | -0.5 | 8.5 | 13.5 | 17.0 | --- | | |
| 8 | 11.0 | --- | 0.0 | 0.0 | -0.5 | -0.5 | 9.5 | 13.0 | 17.0 | --- | | |
| 9 | 10.0 | --- | 0.0 | 0.0 | -0.5 | -0.5 | 10.5 | 14.5 | 18.0 | --- | | |
| 10 | 10.5 | --- | 0.5 | 0.0 | -0.5 | -0.5 | 11.0 | 14.5 | 18.0 | --- | | |
| 11 | 11.0 | --- | 0.5 | 0.0 | -0.5 | -0.5 | 11.5 | 15.0 | 16.0 | --- | | |
| 12 | 11.0 | 2.0 | 0.0 | 0.0 | -0.5 | -0.5 | 11.5 | 14.0 | 15.5 | --- | | |
| 13 | 10.5 | 1.0 | 0.0 | 0.0 | -0.5 | -0.5 | 11.0 | 14.0 | 15.5 | --- | | |
| 14 | 9.5 | 0.5 | 0.0 | 0.0 | -0.5 | -0.5 | 9.5 | 15.5 | 14.0 | --- | | |
| 15 | 8.5 | 1.0 | 0.0 | -0.5 | -0.5 | -0.5 | 10.0 | 15.5 | 15.0 | --- | | |
| 16 | 8.5 | 1.0 | 0.0 | -0.5 | -0.5 | -0.5 | 10.5 | 14.0 | 15.0 | --- | | |
| 17 | 9.0 | 2.0 | 0.0 | -0.5 | -0.5 | 0.0 | 10.5 | 14.5 | 15.0 | --- | | |
| 18 | 9.5 | 2.5 | 0.0 | -0.5 | -0.5 | 1.0 | 10.0 | 15.5 | 16.5 | --- | | |
| 19 | 9.5 | 2.5 | 0.0 | -0.5 | -0.5 | 0.5 | 10.5 | 15.0 | 17.5 | --- | | |
| 20 | 9.0 | 0.5 | 0.0 | -0.5 | -0.5 | 0.5 | 11.0 | 14.5 | 19.0 | --- | | |
| 21 | 8.5 | 0.0 | 0.0 | -0.5 | -0.5 | 1.0 | 12.0 | 13.5 | 19.5 | --- | | |
| 22 | 8.5 | 0.0 | 0.0 | -0.5 | -0.5 | 1.5 | 11.5 | 12.5 | 18.5 | --- | | |
| 23 | 6.0 | 0.0 | 0.0 | -0.5 | -0.5 | 9.0 | 12.5 | 13.5 | 18.0 | --- | | |
| 24 | 5.0 | 1.0 | 0.0 | -0.5 | -0.5 | 16.0 | 12.5 | 13.5 | 17.5 | --- | | |
| 25 | 3.5 | 1.5 | 0.0 | -0.5 | -0.5 | 19.0 | 12.5 | 13.5 | 17.5 | --- | | |
| 26 | 5.0 | 1.5 | 0.0 | -0.5 | -0.5 | 18.5 | 10.5 | 14.0 | 18.5 | --- | | |
| 27 | 5.0 | 1.5 | 0.0 | -0.5 | -0.5 | 20.0 | 10.5 | 16.0 | 20.0 | --- | | |
| 28 | 5.0 | 1.5 | 0.0 | -0.5 | -0.5 | 21.0 | 12.0 | 16.5 | 21.5 | --- | | |
| 29 | 4.0 | 1.5 | 0.0 | -0.5 | -0.5 | 11.0 | 13.5 | 16.0 | --- | --- | | |
| 30 | --- | 1.5 | 0.0 | -0.5 | --- | 6.5 | 13.5 | 15.5 | --- | --- | | |
| 31 | --- | --- | 0.0 | -0.5 | --- | 7.5 | --- | 15.0 | --- | --- | | |
| MEAN | 9.0 | --- | 0.0 | -0.5 | -0.5 | 4.0 | 10.5 | 14.5 | 17.0 | --- | | |

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

Subject to revision

PROCESS DATE IS 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306600 WHITE R ABV SOUTHAM CAN NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395715 LONGITUDE 1091528 DRAINAGE AREA DATUM STATE 49 COUNTY 047

S-4

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 441 | 495 | 320 | 450 | | | | --- | 1670 | | | |
| 2 | 445 | 505 | 320 | 450 | | | | --- | 1680 | | | |
| 3 | 435 | 490 | 320 | 450 | | | | --- | 1690 | | | |
| 4 | 435 | 480 | 320 | 450 | | | | --- | 1680 | | | |
| 5 | 431 | 485 | 335 | 450 | | | | 1060 | --- | | | |
| 6 | 414 | 480 | 350 | 450 | | | | 1140 | --- | | | |
| 7 | 403 | 475 | 350 | --- | | | | 1200 | --- | | | |
| 8 | 410 | 475 | 350 | --- | | | | 1240 | --- | | | |
| 9 | 430 | 475 | 350 | --- | | | | 1290 | --- | | | |
| 10 | 450 | 475 | 350 | --- | | | | 1300 | --- | | | |
| 11 | 430 | 470 | 350 | --- | | | | 1260 | --- | | | |
| 12 | 415 | 455 | 350 | --- | | | | 1330 | --- | | | |
| 13 | 410 | 445 | 350 | --- | | | | 1430 | --- | | | |
| 14 | 415 | 400 | 350 | --- | | | | 1360 | --- | | | |
| 15 | 435 | 400 | 350 | --- | | | | 1460 | --- | | | |
| 16 | 450 | 415 | 350 | --- | | | | 1750 | --- | | | |
| 17 | 450 | 435 | 350 | --- | | | | 1770 | --- | | | |
| 18 | 450 | 450 | 350 | --- | | | | 1830 | --- | | | |
| 19 | 450 | 490 | 350 | --- | | | | 2010 | --- | | | |
| 20 | 450 | 460 | 375 | --- | | | | 2090 | --- | | | |
| 21 | 440 | 400 | 400 | --- | | | | 2210 | --- | | | |
| 22 | 440 | 400 | 400 | --- | | | | 1920 | --- | | | |
| 23 | 460 | 400 | 400 | --- | | | | 1780 | --- | | | |
| 24 | 460 | 400 | 400 | --- | | | | 1570 | --- | | | |
| 25 | 480 | 375 | 425 | --- | | | | 1450 | --- | | | |
| 26 | 475 | 350 | 450 | --- | | | | 1490 | --- | | | |
| 27 | 455 | 350 | 450 | --- | | | | 1610 | --- | | | |
| 28 | 490 | 350 | 450 | --- | | | | 1760 | --- | | | |
| 29 | 475 | 350 | 450 | --- | | | | 1770 | --- | | | |
| 30 | 460 | 350 | 450 | --- | | | | 1590 | --- | | | |
| 31 | 470 | --- | 450 | --- | | | | 1550 | --- | | | |
| TOTAL | 13774 | 12980 | 11615 | --- | | | | --- | --- | | | |
| MEAN | 444 | 433 | 375 | --- | | | | --- | --- | | | |
| MAX | 490 | 505 | 450 | --- | | | | --- | --- | | | |
| MIN | 403 | 350 | 320 | --- | | | | --- | --- | | | |
| AC-FT | 27320 | 25750 | 23040 | --- | | | | --- | --- | | | |

Unpublished Records
Subject to Revision

PROCESS DATE IS 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306600 WHITE R ABV SOUTHAM CAN NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395715 LONGITUDE 1091528 DRAINAGE AREA DATUM STATE 49 COUNTY 047

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 695 | --- | 371 | --- | | | --- | 882 | --- | | | |
| 2 | 705 | --- | 853 | 673 | | | --- | 848 | --- | | | |
| 3 | 702 | --- | 854 | 633 | | | --- | --- | 432 | | | |
| 4 | 704 | --- | 865 | --- | | | --- | --- | 416 | | | |
| 5 | 712 | --- | 854 | --- | | | --- | --- | 413 | | | |
| 6 | 713 | --- | 833 | --- | | | --- | --- | 403 | | | |
| 7 | 712 | --- | 832 | --- | | | --- | --- | 406 | | | |
| 8 | 724 | --- | 826 | --- | | | --- | --- | --- | | | |
| 9 | --- | --- | 837 | --- | | | --- | --- | --- | | | |
| 10 | --- | --- | 855 | --- | | | --- | 495 | --- | | | |
| 11 | --- | --- | 866 | --- | | | --- | 494 | --- | | | |
| 12 | --- | --- | 871 | --- | | | --- | --- | --- | | | |
| 13 | --- | --- | 877 | --- | | | --- | --- | --- | | | |
| 14 | --- | --- | 879 | --- | | | --- | --- | --- | | | |
| 15 | --- | --- | --- | --- | | | --- | --- | --- | | | |
| 16 | --- | --- | --- | --- | | | --- | --- | --- | | | |
| 17 | --- | --- | --- | --- | | | --- | --- | --- | | | |
| 18 | --- | --- | --- | --- | | | --- | --- | --- | | | |
| 19 | --- | 747 | --- | --- | | | --- | --- | --- | | | |
| 20 | --- | 748 | --- | --- | | | --- | --- | --- | | | |
| 21 | --- | 737 | --- | --- | | | --- | --- | --- | | | |
| 22 | --- | 725 | --- | --- | | | --- | --- | --- | | | |
| 23 | --- | 747 | --- | --- | | | --- | --- | --- | | | |
| 24 | --- | 780 | --- | --- | | | --- | --- | --- | | | |
| 25 | --- | 762 | --- | --- | | | --- | --- | --- | | | |
| 26 | --- | 745 | --- | --- | | | --- | --- | --- | | | |
| 27 | --- | --- | --- | --- | | | --- | --- | --- | | | |
| 28 | --- | --- | --- | --- | | | 839 | --- | --- | | | |
| 29 | --- | 797 | --- | --- | | | 830 | --- | --- | | | |
| 30 | --- | 808 | --- | --- | | | 868 | --- | --- | | | |
| 31 | --- | --- | --- | --- | | | --- | --- | --- | | | |
| MEAN | --- | --- | --- | --- | | | --- | --- | --- | | | |

Subject to Revision

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

PROCESS DATE IS 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306600 WHITE R ABV SOUTHAM CAN NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395715 LONGITUDE 1091528 DRAINAGE AREA DATUM STATE 49 COUNTY 047

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | --- | 0.0 | 0.0 | | | --- | 13.5 | | | | |
| 2 | | --- | --- | 0.0 | | | --- | 14.0 | | | | |
| 3 | | --- | --- | 0.0 | | | --- | 14.0 | | | | |
| 4 | | --- | --- | 0.0 | | | --- | 14.5 | | | | |
| 5 | | --- | --- | 0.0 | | | --- | 13.5 | | | | |
| 6 | | --- | --- | 0.0 | | | 8.5 | --- | | | | |
| 7 | | --- | --- | --- | | | 8.5 | --- | | | | |
| 8 | | --- | --- | --- | | | 10.0 | --- | | | | |
| 9 | | --- | 0.5 | --- | | | 10.5 | --- | | | | |
| 10 | | --- | 0.0 | --- | | | 11.0 | --- | | | | |
| 11 | | --- | --- | --- | | | 11.5 | --- | | | | |
| 12 | | --- | 0.0 | --- | | | 11.5 | --- | | | | |
| 13 | | --- | 0.0 | --- | | | 10.5 | --- | | | | |
| 14 | | --- | 0.0 | --- | | | 10.0 | --- | | | | |
| 15 | | --- | 0.5 | --- | | | 10.0 | --- | | | | |
| 16 | | --- | 1.5 | --- | | | 10.5 | --- | | | | |
| 17 | | --- | --- | --- | | | 10.5 | --- | | | | |
| 18 | | --- | --- | --- | | | 10.5 | --- | | | | |
| 19 | | 3.0 | --- | --- | | | 11.0 | --- | | | | |
| 20 | | 1.0 | 0.0 | --- | | | 11.5 | --- | | | | |
| 21 | | 0.5 | 0.0 | --- | | | 12.0 | --- | | | | |
| 22 | | 0.5 | 0.0 | --- | | | 11.5 | --- | | | | |
| 23 | | 0.0 | 0.0 | --- | | | 12.5 | --- | | | | |
| 24 | | 0.0 | 0.0 | --- | | | 12.5 | --- | | | | |
| 25 | | 0.0 | 0.0 | --- | | | 12.5 | --- | | | | |
| 26 | | 0.0 | 0.0 | --- | | | 10.5 | --- | | | | |
| 27 | | 0.0 | 0.0 | --- | | | 11.0 | --- | | | | |
| 28 | | 0.0 | 0.0 | --- | | | 12.0 | --- | | | | |
| 29 | | 0.0 | 0.0 | --- | | | 13.5 | --- | | | | |
| 30 | | 0.0 | 0.0 | --- | | | 14.0 | --- | | | | |
| 31 | | --- | 0.0 | --- | | | --- | --- | | | | |
| MEAN | | --- | --- | --- | | | 11.0 | --- | | | | |

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

PROCESS DATE IS 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306605 SOUTHAM CAN WASH NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395421 LONGITUDE 1091216 DRAINAGE AREA DATUM STATE 49 COUNTY 047

S-9

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 0 | | 0 | .02 | --- | | | 0 | | |
| 2 | | | 0 | | 0 | --- | --- | | | 0 | | |
| 3 | | | 0 | | 0 | --- | --- | | | 0 | | |
| 4 | | | 0 | | 0 | --- | --- | | | 0 | | |
| 5 | | | 0 | | 0 | --- | --- | | | 0 | | |
| 6 | | | 0 | | 0 | --- | 0 | | | 0 | | |
| 7 | | | 0 | | 0 | --- | 0 | | | 0 | | |
| 8 | | | 0 | | 0 | --- | 0 | | | --- | | |
| 9 | | | 0 | | 0 | --- | 0 | | | --- | | |
| 10 | | | 0 | | .51 | --- | 0 | | | --- | | |
| 11 | | | 0 | | 1.3 | --- | 0 | | | --- | | |
| 12 | | | 0 | | 1.5 | --- | 0 | | | --- | | |
| 13 | | | 0 | | 1.5 | --- | 0 | | | --- | | |
| 14 | | | 0 | | .30 | --- | 0 | | | --- | | |
| 15 | | | 0 | | .14 | --- | 0 | | | --- | | |
| 16 | | | 0 | | .09 | --- | 0 | | | --- | | |
| 17 | | | .20 | | 0 | --- | 0 | | | --- | | |
| 18 | | | 0 | | 0 | --- | 0 | | | --- | | |
| 19 | | | 0 | | 0 | --- | 0 | | | --- | | |
| 20 | | | 0 | | 0 | --- | 0 | | | --- | | |
| 21 | | | 0 | | 0 | --- | 0 | | | --- | | |
| 22 | | | 0 | | 0 | --- | .02 | | | --- | | |
| 23 | | | 0 | | 0 | --- | .01 | | | --- | | |
| 24 | | | 0 | | 0 | --- | 0 | | | --- | | |
| 25 | | | 0 | | 0 | --- | 0 | | | --- | | |
| 26 | | | 0 | | .39 | --- | 0 | | | --- | | |
| 27 | | | 0 | | .21 | --- | 0 | | | --- | | |
| 28 | | | 0 | | .24 | --- | 0 | | | --- | | |
| 29 | | | 0 | | .31 | --- | 0 | | | --- | | |
| 30 | | | 0 | | --- | --- | 0 | | | --- | | |
| 31 | | --- | 0 | | --- | --- | --- | | --- | --- | | |
| TOTAL | 0 | 0 | .20 | 0 | 6.49 | --- | --- | 0 | 0 | --- | | |
| MEAN | 0 | 0 | .007 | 0 | .22 | --- | --- | 0 | 0 | --- | | |
| MAX | 0 | 0 | .20 | 0 | 1.5 | --- | --- | 0 | 0 | --- | | |
| MIN | 0 | 0 | 0 | 0 | 0 | --- | --- | 0 | 0 | --- | | |
| AC-FT | 0 | 0 | .4 | 0 | 13 | --- | --- | 0 | 0 | --- | | |

PROCESS DATE IS 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306605 SOUTHAM CAN WASH NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395421 LONGITUDE 1091216 DRAINAGE AREA DATUM STATE 49 COUNTY 047

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | --- | 1980 | | | | | | |
| 2 | | | | | --- | --- | | | | | | |
| 3 | | | | | --- | --- | | | | | | |
| 4 | | | | | --- | --- | | | | | | |
| 5 | | | | | --- | --- | | | | | | |
| 6 | | | | | --- | --- | | | | | | |
| 7 | | | | | --- | --- | | | | | | |
| 8 | | | | | --- | --- | | | | | | |
| 9 | | | | | --- | --- | | | | | | |
| 10 | | | | | --- | --- | | | | | | |
| 11 | | | | | --- | --- | | | | | | |
| 12 | | | | | --- | --- | | | | | | |
| 13 | | | | | --- | --- | | | | | | |
| 14 | | | | | --- | --- | | | | | | |
| 15 | | | | | --- | --- | | | | | | |
| 16 | | | | | --- | --- | | | | | | |
| 17 | | | | | 1980 | --- | | | | | | |
| 18 | | | | | 1980 | --- | | | | | | |
| 19 | | | | | 1980 | --- | | | | | | |
| 20 | | | | | 1980 | --- | | | | | | |
| 21 | | | | | 1980 | --- | | | | | | |
| 22 | | | | | 1980 | --- | | | | | | |
| 23 | | | | | 1980 | --- | | | | | | |
| 24 | | | | | 1980 | --- | | | | | | |
| 25 | | | | | 1980 | --- | | | | | | |
| 26 | | | | | 1980 | --- | | | | | | |
| 27 | | | | | 1980 | --- | | | | | | |
| 28 | | | | | 1980 | --- | | | | | | |
| 29 | | | | | 1980 | --- | | | | | | |
| 30 | | | | | --- | --- | | | | | | |
| 31 | | | | | --- | --- | | | | | | |
| MEAN | | | | | --- | --- | | | | | | |

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

PROCESS DATE IS 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306605 SOUTHAM CAN WASH NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395421 LONGITUDE 1091216 DRAINAGE AREA DATUM STATE 49 COUNTY 047

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.0 | 0.0 | 0.0 | 0.0 | --- | 1.5 | --- | 10.0 | 20.5 | | | |
| 2 | 0.0 | 0.0 | 0.0 | 0.0 | -3.0 | --- | --- | 11.0 | 21.5 | | | |
| 3 | 0.0 | 0.0 | 0.0 | 0.0 | -3.5 | --- | --- | 12.5 | 23.0 | | | |
| 4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | --- | --- | 15.0 | 22.0 | | | |
| 5 | 0.0 | 0.0 | 0.0 | 0.0 | -2.5 | --- | --- | 12.5 | 21.5 | | | |
| 6 | 0.0 | 0.0 | 0.0 | -5.0 | -4.5 | --- | 5.0 | 10.5 | 23.5 | | | |
| 7 | 0.0 | 0.0 | 0.0 | -5.0 | -4.5 | --- | 5.5 | 11.5 | 20.0 | | | |
| 8 | 0.0 | 0.0 | 0.0 | -4.5 | -3.5 | --- | 6.0 | 9.5 | --- | | | |
| 9 | 0.0 | 0.0 | 0.0 | -5.0 | -1.0 | --- | 6.5 | 13.5 | --- | | | |
| 10 | 0.0 | 0.0 | 0.0 | -4.5 | 0.0 | --- | 4.0 | 13.0 | --- | | | |
| 11 | 0.0 | 0.0 | 0.0 | -5.0 | -1.5 | --- | 7.0 | 15.0 | --- | | | |
| 12 | 0.0 | 0.0 | 0.0 | -4.5 | -0.5 | --- | 9.5 | 11.5 | --- | | | |
| 13 | 0.0 | 0.0 | 0.0 | -5.0 | 0.0 | --- | 8.0 | 14.5 | --- | | | |
| 14 | 0.0 | 0.0 | 0.0 | -5.0 | 0.0 | --- | 6.5 | 17.5 | --- | | | |
| 15 | 0.0 | 0.0 | 0.0 | -5.0 | -0.5 | --- | 6.0 | 16.0 | --- | | | |
| 16 | 0.0 | 0.0 | 0.0 | -4.5 | -1.0 | --- | 5.0 | 14.0 | --- | | | |
| 17 | 0.0 | 0.0 | -5.0 | -5.0 | -1.5 | --- | 6.0 | 16.5 | --- | | | |
| 18 | 0.0 | 0.0 | 0.0 | -4.0 | -0.5 | --- | 5.0 | 18.0 | --- | | | |
| 19 | 0.0 | 0.0 | 0.0 | -5.0 | -2.0 | --- | 7.0 | 16.5 | --- | | | |
| 20 | 0.0 | 0.0 | 0.0 | -5.0 | -2.0 | --- | 7.0 | 17.5 | --- | | | |
| 21 | 0.0 | 0.0 | 0.0 | -5.0 | -3.5 | --- | 9.5 | 13.5 | --- | | | |
| 22 | 0.0 | 0.0 | 0.0 | -5.0 | -4.0 | --- | 10.5 | 12.0 | --- | | | |
| 23 | 0.0 | 0.0 | 0.0 | -5.0 | -3.5 | --- | 11.0 | 16.0 | --- | | | |
| 24 | 0.0 | 0.0 | 0.0 | -4.5 | -1.5 | --- | 9.0 | 13.5 | --- | | | |
| 25 | 0.0 | 0.0 | 0.0 | -4.0 | -1.5 | --- | 9.0 | 13.0 | --- | | | |
| 26 | 0.0 | 0.0 | 0.0 | -4.5 | 0.0 | --- | 4.0 | 16.0 | --- | | | |
| 27 | 0.0 | 0.0 | 0.0 | -4.5 | -0.5 | --- | 5.0 | 18.0 | --- | | | |
| 28 | 0.0 | 0.0 | 0.0 | --- | 0.0 | --- | 7.0 | 20.0 | --- | | | |
| 29 | 0.0 | 0.0 | 0.0 | --- | 1.0 | --- | 10.5 | 17.5 | --- | | | |
| 30 | 0.0 | 0.0 | 0.0 | --- | --- | --- | 10.5 | 13.5 | --- | | | |
| 31 | 0.0 | --- | 0.0 | --- | --- | --- | --- | 17.0 | --- | | | |
| MEAN | 0.0 | 0.0 | 0.0 | -4.0 | -1.5 | --- | 7.0 | 14.5 | --- | | | |

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

PROCESS DATE IS 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306610 SOUTHAM CAN WASH AT MOUTH NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395650 LONGITUDE 1091406 DRAINAGE AREA DATUM STATE 49 COUNTY 047

S-13

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 0 | 0 | 0 | | | | 0 | 0 | | |
| 2 | | | 0 | 0 | 0 | | | | 0 | 0 | | |
| 3 | | | 0 | 0 | 0 | | | | 0 | 0 | | |
| 4 | | | 0 | 0 | 0 | | | | 0 | 0 | | |
| 5 | | | 0 | 0 | 0 | | | | 0 | 0 | | |
| 6 | | | 0 | 0 | 0 | | | | 0 | 0 | | |
| 7 | | | 0 | 0 | 0 | | | | 0 | 0 | | |
| 8 | | | 0 | 0 | 0 | | | | 0 | --- | | |
| 9 | | | 0 | 0 | 0 | | | | 0 | --- | | |
| 10 | | | 0 | 0 | .42 | | | | 0 | --- | | |
| 11 | | | 0 | 0 | .15 | | | | 0 | --- | | |
| 12 | | | 0 | 0 | .10 | | | | 0 | --- | | |
| 13 | | | 0 | 0 | 0 | | | | 0 | --- | | |
| 14 | | | 0 | 0 | 0 | | | | 0 | --- | | |
| 15 | | | 0 | 0 | 0 | | | | 0 | --- | | |
| 16 | | | .03 | 0 | 0 | | | | 0 | --- | | |
| 17 | | | 0 | --- | 0 | | | | 0 | --- | | |
| 18 | | | 0 | --- | 0 | | | | 0 | --- | | |
| 19 | | | 0 | --- | 0 | | | | 0 | --- | | |
| 20 | | | 0 | 0 | 0 | | | | 0 | --- | | |
| 21 | | | 0 | 0 | 0 | | | | 0 | --- | | |
| 22 | | | 0 | 0 | 0 | | | | 4.1 | --- | | |
| 23 | | | 0 | 0 | 0 | | | | 0 | --- | | |
| 24 | | | 0 | 0 | 0 | | | | 0 | --- | | |
| 25 | | | 0 | 0 | 0 | | | | 0 | --- | | |
| 26 | | | 0 | 0 | 0 | | | | 0 | --- | | |
| 27 | | | 0 | 0 | 0 | | | | 0 | --- | | |
| 28 | | | 0 | 0 | 0 | | | | 0 | --- | | |
| 29 | | | 0 | 0 | 0 | | | | 0 | --- | | |
| 30 | | | 0 | 0 | --- | | | | 0 | --- | | |
| 31 | | --- | 0 | 0 | --- | | --- | | --- | --- | | |
| TOTAL | 0 | 0 | .03 | --- | .67 | 0 | 0 | 0 | 4.1 | --- | | |
| MEAN | 0 | 0 | .001 | --- | .023 | 0 | 0 | 0 | .14 | --- | | |
| MAX | 0 | 0 | .03 | --- | .42 | 0 | 0 | 0 | 4.1 | --- | | |
| MIN | 0 | 0 | 0 | --- | 0 | 0 | 0 | 0 | 0 | --- | | |
| AC-FT | 0 | 0 | .06 | --- | 1.3 | 0 | 0 | 0 | 8.1 | --- | | |

PROCESS DATE IS 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306610 SOUTHAM CAN WASH AT MOUTH NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395650 LONGITUDE 1091406 DRAINAGE AREA DATUM STATE 49 COUNTY 047

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | --- | | | | |
| 2 | | | | | | | | --- | | | | |
| 3 | | | | | | | | --- | | | | |
| 4 | | | | | | | | --- | | | | |
| 5 | | | | | | | | --- | | | | |
| 6 | | | | | | | | --- | | | | |
| 7 | | | | | | | | --- | | | | |
| 8 | | | | | | | | --- | | | | |
| 9 | | | | | | | | --- | | | | |
| 10 | | | | | | | | --- | | | | |
| 11 | | | | | | | | --- | | | | |
| 12 | | | | | | | | 237 | | | | |
| 13 | | | | | | | | 462 | | | | |
| 14 | | | | | | | | 496 | | | | |
| 15 | | | | | | | | 524 | | | | |
| 16 | | | | | | | | 489 | | | | |
| 17 | | | | | | | | 428 | | | | |
| 18 | | | | | | | | 429 | | | | |
| 19 | | | | | | | | 419 | | | | |
| 20 | | | | | | | | 403 | | | | |
| 21 | | | | | | | | 404 | | | | |
| 22 | | | | | | | | 401 | | | | |
| 23 | | | | | | | | 409 | | | | |
| 24 | | | | | | | | 424 | | | | |
| 25 | | | | | | | | 447 | | | | |
| 26 | | | | | | | | --- | | | | |
| 27 | | | | | | | | 489 | | | | |
| 28 | | | | | | | | 496 | | | | |
| 29 | | | | | | | | 476 | | | | |
| 30 | | | | | | | | 454 | | | | |
| 31 | | | | | | | | --- | | | | |
| MEAN | | | | | | | | --- | | | | |

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

PROCESS DATE IS 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306610 SOUTHAM CAN WASH AT MOUTH NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395650 LONGITUDE 1091406 DRAINAGE AREA DATUM STATE 49 COUNTY 047

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.0 | 1.0 | 0.0 | 0.0 | -4.5 | 4.5 | | --- | 17.0 | | | |
| 2 | 0.0 | 0.5 | 0.0 | 0.0 | -4.0 | --- | | --- | 18.0 | | | |
| 3 | 0.0 | 1.0 | 0.0 | 0.0 | -4.5 | --- | | --- | 20.0 | | | |
| 4 | 0.0 | 0.0 | 0.0 | --- | 0.0 | --- | | --- | 18.5 | | | |
| 5 | 0.0 | 0.0 | 0.0 | --- | -2.5 | --- | | --- | 18.0 | | | |
| 6 | 0.0 | 0.0 | 0.0 | --- | -5.0 | --- | | 11.0 | 20.5 | | | |
| 7 | 0.0 | 0.0 | 0.0 | -5.0 | -5.0 | --- | | 11.0 | 19.5 | | | |
| 8 | 0.0 | 0.0 | 0.0 | -5.0 | -4.0 | --- | | 9.5 | --- | | | |
| 9 | 0.0 | 0.0 | 0.0 | -5.0 | -1.5 | --- | | 12.0 | --- | | | |
| 10 | 0.0 | 0.0 | 0.0 | --- | -1.5 | --- | | 12.0 | --- | | | |
| 11 | 0.0 | 0.0 | 0.0 | --- | -3.0 | --- | | 13.5 | --- | | | |
| 12 | 0.0 | 0.0 | 0.0 | --- | -3.0 | --- | | 10.0 | --- | | | |
| 13 | 0.0 | 0.0 | 0.0 | --- | -3.0 | --- | | 12.0 | --- | | | |
| 14 | 0.0 | 0.0 | 0.0 | --- | -1.5 | --- | | 15.5 | --- | | | |
| 15 | 0.0 | 0.0 | 0.0 | --- | -2.0 | --- | | 14.5 | --- | | | |
| 16 | 0.0 | 0.0 | -2.5 | --- | -1.5 | --- | | 11.0 | --- | | | |
| 17 | 0.0 | 0.0 | 0.0 | --- | -2.0 | --- | | 13.5 | --- | | | |
| 18 | 0.0 | 0.0 | 0.0 | --- | -1.5 | --- | | 17.0 | --- | | | |
| 19 | 0.0 | 0.0 | 0.0 | --- | -2.0 | --- | | 17.0 | --- | | | |
| 20 | 0.0 | 0.0 | 0.0 | -5.0 | -3.0 | --- | | 17.0 | --- | | | |
| 21 | 0.0 | 0.0 | 0.0 | -5.0 | -4.5 | --- | | 13.5 | --- | | | |
| 22 | 0.0 | 0.0 | 0.0 | -5.0 | -4.5 | --- | | 11.5 | --- | | | |
| 23 | 0.0 | 0.0 | 0.0 | -5.0 | -4.0 | --- | | 14.5 | --- | | | |
| 24 | 0.0 | 0.0 | 0.0 | -4.5 | -2.5 | --- | | 14.0 | --- | | | |
| 25 | 0.0 | 0.0 | 0.0 | -4.5 | -2.5 | --- | | 11.5 | --- | | | |
| 26 | 0.0 | 0.0 | 0.0 | -4.5 | -1.5 | --- | | 13.0 | --- | | | |
| 27 | 0.0 | 0.0 | 0.0 | -4.5 | -1.5 | --- | | 15.0 | --- | | | |
| 28 | 0.0 | 0.0 | 0.0 | -5.0 | 0.0 | --- | | 16.5 | --- | | | |
| 29 | 0.0 | 0.0 | 0.0 | -4.5 | 3.0 | --- | | 16.0 | --- | | | |
| 30 | 5.0 | 0.0 | 0.0 | -4.0 | --- | --- | | 14.0 | --- | | | |
| 31 | 6.0 | --- | 0.0 | -4.0 | --- | --- | | 15.0 | --- | | | |
| MEAN | 0.5 | 0.0 | 0.0 | --- | -2.5 | --- | | 13.5 | --- | | | |

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

PROCESS DATE IS 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306620 ASPHALT WASH BLW CENTER FORK NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395426 LONGITUDE 1091555 DRAINAGE AREA DATUM STATE 49 COUNTY 047

S-10

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 0 | | | | | 0 | | |
| 2 | | | | | 0 | | | | | 0 | | |
| 3 | | | | | 0 | | | | | 0 | | |
| 4 | | | | | 0 | | | | | 0 | | |
| 5 | | | | | 0 | | | | | 0 | | |
| 6 | | | | | 0 | | | | | 0 | | |
| 7 | | | | | 0 | | | | | 0 | | |
| 8 | | | | | 0 | | | | | --- | | |
| 9 | | | | | 0 | | | | | --- | | |
| 10 | | | | | 2.0 | | | | | --- | | |
| 11 | | | | | 1.0 | | | | | --- | | |
| 12 | | | | | .50 | | | | | --- | | |
| 13 | | | | | 0 | | | | | --- | | |
| 14 | | | | | 0 | | | | | --- | | |
| 15 | | | | | 0 | | | | | --- | | |
| 16 | | | | | 0 | | | | | --- | | |
| 17 | | | | | 0 | | | | | --- | | |
| 18 | | | | | 0 | | | | | --- | | |
| 19 | | | | | 0 | | | | | --- | | |
| 20 | | | | | 0 | | | | | --- | | |
| 21 | | | | | 0 | | | | | --- | | |
| 22 | | | | | 0 | | | | | --- | | |
| 23 | | | | | 0 | | | | | --- | | |
| 24 | | | | | 0 | | | | | --- | | |
| 25 | | | | | 0 | | | | | --- | | |
| 26 | | | | | 0 | | | | | --- | | |
| 27 | | | | | 0 | | | | | --- | | |
| 28 | | | | | 0 | | | | | --- | | |
| 29 | | | | | 0 | | | | | --- | | |
| 30 | | | | | --- | | | | | --- | | |
| 31 | | --- | | | --- | | --- | | --- | --- | | |
| TOTAL | 0 | 0 | 0 | 0 | 3.50 | 0 | 0 | 0 | 0 | --- | | |
| MEAN | 0 | 0 | 0 | 0 | .12 | 0 | 0 | 0 | 0 | --- | | |
| MAX | 0 | 0 | 0 | 0 | 2.0 | 0 | 0 | 0 | 0 | --- | | |
| MIN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | | |
| AC-FT | 0 | 0 | 0 | 0 | 6.9 | 0 | 0 | 0 | 0 | --- | | |

PROCESS DATE IS 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306620 ASPHALT WASH BLW CENTER FORK NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395426 LONGITUDE 1091555 DRAINAGE AREA DATUM STATE 49 COUNTY 047

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | | | | | | | | | | | |
| 2 | 0 | | | | | | | | | | | |
| 3 | 0 | | | | | | | | | | | |
| 4 | 0 | | | | | | | | | | | |
| 5 | 0 | | | | | | | | | | | |
| 6 | 0 | | | | | | | | | | | |
| 7 | 0 | | | | | | | | | | | |
| 8 | 0 | | | | | | | | | | | |
| 9 | 0 | | | | | | | | | | | |
| 10 | 0 | | | | | | | | | | | |
| 11 | 0 | | | | | | | | | | | |
| 12 | 0 | | | | | | | | | | | |
| 13 | 0 | | | | | | | | | | | |
| 14 | 0 | | | | | | | | | | | |
| 15 | 0 | | | | | | | | | | | |
| 16 | 0 | | | | | | | | | | | |
| 17 | 0 | | | | | | | | | | | |
| 18 | 0 | | | | | | | | | | | |
| 19 | 0 | | | | | | | | | | | |
| 20 | 0 | | | | | | | | | | | |
| 21 | 0 | | | | | | | | | | | |
| 22 | 0 | | | | | | | | | | | |
| 23 | 0 | | | | | | | | | | | |
| 24 | 0 | | | | | | | | | | | |
| 25 | 0 | | | | | | | | | | | |
| 26 | 0 | | | | | | | | | | | |
| 27 | 0 | | | | | | | | | | | |
| 28 | 0 | | | | | | | | | | | |
| 29 | 0 | | | | | | | | | | | |
| 30 | 0 | | | | | | | | | | | |
| 31 | 0 | | | | | | | | | | | |
| MEAN | 0 | | | | | | | | | | | |

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

PROCESS DATE IS 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306620 ASPHALT WASH BLW CENTER FORK NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395426 LONGITUDE 1091555 DRAINAGE AREA DATUM STATE 49 COUNTY 047

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.0 | 0.0 | 0.0 | 0.0 | -3.0 | 2.5 | 4.0 | | | | | |
| 2 | 0.0 | 0.0 | 0.0 | 0.0 | -3.5 | 0.5 | 4.5 | | | | | |
| 3 | 0.0 | 0.0 | 0.0 | 0.0 | -3.5 | 0.0 | 4.5 | | | | | |
| 4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.5 | | | | | |
| 5 | 0.0 | 0.0 | 0.0 | 0.0 | -0.5 | -0.5 | 4.0 | | | | | |
| 6 | 0.0 | 0.0 | 0.0 | 0.0 | -2.0 | -1.5 | 3.5 | | | | | |
| 7 | 0.0 | 0.0 | 0.0 | -4.0 | -2.0 | -1.5 | 4.5 | | | | | |
| 8 | 0.0 | 0.0 | 0.0 | -3.5 | -3.5 | -1.0 | 5.5 | | | | | |
| 9 | 0.0 | 0.0 | 0.0 | -0.5 | -0.5 | -0.5 | 6.5 | | | | | |
| 10 | 0.0 | 0.0 | 0.0 | -1.5 | 0.5 | 0.0 | 6.5 | | | | | |
| 11 | 0.0 | 0.0 | 0.0 | -3.5 | 0.5 | 0.0 | 7.5 | | | | | |
| 12 | 0.0 | 0.0 | 0.0 | -4.0 | 0.5 | 0.0 | 8.0 | | | | | |
| 13 | 0.0 | 0.0 | 0.0 | -2.0 | 0.0 | -0.5 | 8.0 | | | | | |
| 14 | 0.0 | 0.0 | 0.0 | -3.5 | 0.0 | 0.0 | 7.0 | | | | | |
| 15 | 0.0 | 0.0 | 0.0 | -4.5 | 0.0 | 0.5 | 7.0 | | | | | |
| 16 | 0.0 | 0.0 | 0.0 | -4.5 | 0.0 | 0.5 | 7.0 | | | | | |
| 17 | 0.0 | 0.0 | 0.0 | -4.5 | 1.0 | 1.5 | 7.0 | | | | | |
| 18 | 0.0 | 0.0 | 0.0 | -4.0 | 1.0 | 1.5 | 6.5 | | | | | |
| 19 | 0.0 | 0.0 | 0.0 | -4.0 | 0.0 | 1.5 | 7.0 | | | | | |
| 20 | 0.0 | 0.0 | 0.0 | -4.5 | 0.5 | 1.0 | 7.5 | | | | | |
| 21 | 0.0 | 0.0 | 0.0 | -4.5 | -0.5 | 1.5 | 9.0 | | | | | |
| 22 | 0.0 | 0.0 | 0.0 | -4.5 | -1.0 | 2.0 | 9.0 | | | | | |
| 23 | 0.0 | 0.0 | 0.0 | -4.5 | -0.5 | 3.0 | 10.5 | | | | | |
| 24 | 0.0 | 0.0 | 0.0 | -4.0 | 0.5 | 3.0 | 9.5 | | | | | |
| 25 | 0.0 | 0.0 | 0.0 | -4.0 | 0.0 | 2.5 | 10.0 | | | | | |
| 26 | 0.0 | 0.0 | 0.0 | -4.0 | 0.5 | 1.5 | 7.5 | | | | | |
| 27 | 0.0 | 0.0 | 0.0 | -2.5 | 1.0 | 2.0 | 7.0 | | | | | |
| 28 | 0.0 | 0.0 | 0.0 | -0.5 | 1.0 | 1.5 | 11.0 | | | | | |
| 29 | 0.0 | 0.0 | 0.0 | -4.0 | 1.5 | 1.0 | 13.0 | | | | | |
| 30 | 0.0 | 0.0 | 0.0 | -4.0 | --- | 1.5 | 6.0 | | | | | |
| 31 | 0.0 | --- | 0.0 | -2.5 | --- | 3.0 | --- | | | | | |
| MEAN | 0.0 | 0.0 | 0.0 | -3.0 | -0.5 | 1.0 | 7.0 | | | | | |

Unpublished [illegible]'s
Subject to Revision

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

PROCESS DATE IS 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306625 ASPHALT WASH AT MOUTH NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395628 LONGITUDE 1091619 DRAINAGE AREA DATUM STATE 49 COUNTY 047

S-12

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | --- | | | 0 | | | | 0 | 0 | | |
| 2 | 0 | --- | | | 0 | | | | 0 | 0 | | |
| 3 | 0 | --- | | | 0 | | | | 0 | 0 | | |
| 4 | 0 | 0 | | | 0 | | | | 0 | 0 | | |
| 5 | 0 | 0 | | | 0 | | | | 0 | 0 | | |
| 6 | 0 | 0 | | | 0 | | | | 0 | 0 | | |
| 7 | 0 | 0 | | | 0 | | | | 0 | 0 | | |
| 8 | 0 | 0 | | | 0 | | | | 0 | --- | | |
| 9 | 0 | 0 | | | 0 | | | | 0 | --- | | |
| 10 | --- | 0 | | | 2.2 | | | | 0 | --- | | |
| 11 | --- | 0 | | | 5.8 | | | | 0 | --- | | |
| 12 | --- | 0 | | | 1.5 | | | | 0 | --- | | |
| 13 | --- | 0 | | | .94 | | | | 0 | --- | | |
| 14 | --- | 0 | | | .78 | | | | 0 | --- | | |
| 15 | --- | 0 | | | .46 | | | | 0 | --- | | |
| 16 | --- | 0 | | | 0 | | | | 0 | --- | | |
| 17 | --- | 0 | | | 0 | | | | 0 | --- | | |
| 18 | --- | 0 | | | 0 | | | | 0 | --- | | |
| 19 | --- | 0 | | | 0 | | | | 0 | --- | | |
| 20 | --- | 0 | | | 0 | | | | 0 | --- | | |
| 21 | --- | 0 | | | 0 | | | | 0 | --- | | |
| 22 | --- | 0 | | | 0 | | | | 2.2 | --- | | |
| 23 | --- | 0 | | | 0 | | | | 0 | --- | | |
| 24 | --- | 0 | | | 0 | | | | 0 | --- | | |
| 25 | --- | 0 | | | 0 | | | | 0 | --- | | |
| 26 | --- | 0 | | | 0 | | | | 0 | --- | | |
| 27 | --- | 0 | | | 0 | | | | 0 | --- | | |
| 28 | --- | 0 | | | 0 | | | | 0 | --- | | |
| 29 | --- | 0 | | | 0 | | | | 0 | --- | | |
| 30 | --- | 0 | | | --- | | | | 0 | --- | | |
| 31 | --- | --- | | | --- | | --- | | --- | --- | | |
| TOTAL | --- | --- | 0 | 0 | 11.68 | 0 | 0 | 0 | 2.2 | --- | | |
| MEAN | --- | --- | 0 | 0 | .40 | 0 | 0 | 0 | .073 | --- | | |
| MAX | --- | --- | 0 | 0 | 5.8 | 0 | 0 | 0 | 2.2 | --- | | |
| MIN | --- | --- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | --- | | |
| AC-FT | --- | --- | 0 | 0 | 23 | 0 | 0 | 0 | 4.4 | --- | | |

PROCESS DATE IS 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306625 ASPHALT WASH AT MOUTH NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395628 LONGITUDE 1091619 DRAINAGE AREA DATUM STATE 49 COUNTY 047

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | | | | --- | | | | | | | |
| 2 | 0 | | | | --- | | | | | | | |
| 3 | 0 | | | | --- | | | | | | | |
| 4 | 0 | | | | --- | | | | | | | |
| 5 | 0 | | | | --- | | | | | | | |
| 6 | 0 | | | | --- | | | | | | | |
| 7 | 0 | | | | --- | | | | | | | |
| 8 | 0 | | | | --- | | | | | | | |
| 9 | 0 | | | | --- | | | | | | | |
| 10 | 0 | | | | --- | | | | | | | |
| 11 | 0 | | | | --- | | | | | | | |
| 12 | 0 | | | | 370 | | | | | | | |
| 13 | 0 | | | | --- | | | | | | | |
| 14 | 0 | | | | 266 | | | | | | | |
| 15 | 0 | | | | --- | | | | | | | |
| 16 | 0 | | | | --- | | | | | | | |
| 17 | 0 | | | | --- | | | | | | | |
| 18 | 0 | | | | --- | | | | | | | |
| 19 | 0 | | | | --- | | | | | | | |
| 20 | 0 | | | | --- | | | | | | | |
| 21 | 0 | | | | --- | | | | | | | |
| 22 | 0 | | | | --- | | | | | | | |
| 23 | 0 | | | | --- | | | | | | | |
| 24 | 0 | | | | --- | | | | | | | |
| 25 | 0 | | | | --- | | | | | | | |
| 26 | 0 | | | | --- | | | | | | | |
| 27 | 0 | | | | --- | | | | | | | |
| 28 | 0 | | | | --- | | | | | | | |
| 29 | 0 | | | | --- | | | | | | | |
| 30 | 0 | | | | --- | | | | | | | |
| 31 | 0 | | | | --- | | | | | | | |
| MEAN | 0 | | | | --- | | | | | | | |

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

PROCESS DATE IS 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306625 ASPHALT WASH AT MOUTH NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395628 LONGITUDE 1091619 DRAINAGE AREA DATUM STATE 49 COUNTY 047

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.0 | 0.0 | 0.0 | 0.0 | -1.5 | 9.0 | 11.0 | 15.0 | | | | |
| 2 | 0.0 | 0.0 | 0.0 | 0.0 | -3.0 | -0.5 | 11.5 | 9.0 | | | | |
| 3 | 0.0 | 0.0 | 0.0 | 0.0 | -3.0 | -2.5 | 11.5 | --- | | | | |
| 4 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | -2.5 | 11.0 | --- | | | | |
| 5 | 0.0 | 0.0 | 0.0 | 0.0 | -0.5 | -1.5 | 7.5 | --- | | | | |
| 6 | 0.0 | 0.0 | 0.0 | 0.0 | -3.0 | -1.0 | 6.5 | --- | | | | |
| 7 | 0.0 | 0.0 | 0.0 | 0.0 | -3.0 | -0.5 | 11.0 | --- | | | | |
| 8 | 0.0 | 0.0 | 0.0 | -3.5 | -2.5 | 0.5 | 12.5 | --- | | | | |
| 9 | 0.0 | 0.0 | 0.0 | -3.0 | 1.0 | 1.5 | 13.5 | --- | | | | |
| 10 | 0.0 | 0.0 | 0.0 | -1.5 | 1.5 | 2.5 | 12.0 | --- | | | | |
| 11 | 0.0 | 0.0 | 0.0 | -2.5 | --- | 0.5 | 15.0 | --- | | | | |
| 12 | 0.0 | 0.0 | 0.0 | -3.0 | 0.5 | 0.5 | 12.5 | --- | | | | |
| 13 | 0.0 | 0.0 | 0.0 | -2.0 | 1.0 | 1.0 | 11.5 | --- | | | | |
| 14 | 0.0 | 0.0 | 0.0 | -3.0 | 1.0 | 2.5 | 9.0 | --- | | | | |
| 15 | 0.0 | 0.0 | 0.0 | -3.0 | 0.5 | 5.0 | 10.0 | --- | | | | |
| 16 | 0.0 | 0.0 | 0.0 | -1.5 | 0.5 | 5.0 | 9.0 | --- | | | | |
| 17 | 0.0 | 0.0 | 0.0 | -1.5 | 2.5 | 8.0 | 8.5 | --- | | | | |
| 18 | 0.0 | 0.0 | 0.0 | -2.0 | 3.0 | 9.0 | 7.5 | --- | | | | |
| 19 | 0.0 | 0.0 | 0.0 | -1.5 | 2.0 | 5.0 | 11.0 | --- | | | | |
| 20 | 0.0 | 0.0 | 0.0 | -2.0 | 0.5 | 5.0 | 12.5 | --- | | | | |
| 21 | 0.0 | 0.0 | 0.0 | -2.0 | 0.0 | 6.5 | 14.5 | --- | | | | |
| 22 | 0.0 | 0.0 | 0.0 | -2.5 | 0.0 | 8.5 | 13.5 | --- | | | | |
| 23 | 0.0 | 0.0 | 0.0 | -4.0 | 0.5 | 9.5 | 16.5 | --- | | | | |
| 24 | 0.0 | 0.0 | 0.0 | -1.5 | 2.0 | 11.0 | 14.5 | --- | | | | |
| 25 | 0.0 | 0.0 | 0.0 | -2.5 | 3.0 | 6.0 | 11.5 | --- | | | | |
| 26 | 0.0 | 0.0 | 0.0 | -3.0 | 4.0 | 6.0 | 5.0 | --- | | | | |
| 27 | 0.0 | 0.0 | 0.0 | -3.0 | 4.5 | 6.0 | 9.5 | --- | | | | |
| 28 | 0.0 | 0.0 | 0.0 | -1.0 | 5.5 | 4.5 | 12.5 | --- | | | | |
| 29 | 0.0 | 0.0 | 0.0 | -1.0 | 7.5 | 3.0 | 15.0 | --- | | | | |
| 30 | 0.0 | 0.0 | 0.0 | 0.0 | --- | 6.5 | 14.0 | --- | | | | |
| 31 | 0.0 | --- | 0.0 | -0.5 | --- | 9.5 | --- | --- | | | | |
| MEAN | 0.0 | 0.0 | 0.0 | -1.5 | 1.0 | 4.0 | 11.5 | --- | | | | |

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

PROCESS DATE IS 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306700 WHITE R BLW ASPHALT WASH NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395532 LONGITUDE 1091730 DRAINAGE AREA DATUM STATE 49 COUNTY 047

S-11

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 445 | 495 | 350 | 250 | 310 | 900 | 415 | 634 | 1720 | 556 | | |
| 2 | 452 | 498 | 350 | 250 | 315 | 880 | 425 | 692 | 1540 | 519 | | |
| 3 | 445 | 497 | 350 | 250 | 330 | 800 | 450 | 690 | 1590 | 512 | | |
| 4 | 444 | 501 | 350 | 250 | 340 | 760 | 500 | --- | 1670 | 480 | | |
| 5 | 444 | 496 | 350 | 250 | 350 | 640 | 560 | 931 | 1700 | 458 | | |
| 6 | 428 | 494 | 305 | 250 | 365 | 640 | 600 | 1030 | 1660 | 456 | | |
| 7 | 419 | 493 | 295 | 250 | 375 | 640 | 580 | 1110 | 1680 | 460 | | |
| 8 | 430 | 494 | 295 | 250 | 380 | 640 | 570 | 1160 | 1640 | 416 | | |
| 9 | 440 | 501 | 298 | 250 | 385 | 640 | 560 | 1200 | 1570 | 391 | | |
| 10 | 440 | 510 | 300 | 250 | 390 | 640 | 512 | 1280 | 1570 | --- | | |
| 11 | 440 | 498 | 255 | 250 | 460 | 640 | 506 | 1250 | 1560 | --- | | |
| 12 | 440 | 473 | 250 | 250 | 600 | 520 | 508 | 1290 | 1510 | --- | | |
| 13 | 440 | 473 | 250 | 250 | 600 | 520 | 514 | 1400 | 1330 | --- | | |
| 14 | 440 | 435 | 250 | 250 | 600 | 520 | 543 | 1350 | 1200 | --- | | |
| 15 | 440 | 410 | 250 | 270 | 600 | 520 | 577 | 1430 | 1160 | --- | | |
| 16 | 470 | 400 | 250 | 300 | 600 | 520 | 546 | 1660 | 1120 | --- | | |
| 17 | 460 | 400 | 250 | 320 | 600 | 540 | 548 | 1740 | 964 | --- | | |
| 18 | 460 | 400 | 250 | 325 | 560 | 680 | 536 | 1780 | 899 | --- | | |
| 19 | 460 | 400 | 250 | 330 | 510 | 780 | 544 | 1890 | 952 | --- | | |
| 20 | 460 | 400 | 250 | 340 | 963 | 650 | 565 | 1970 | 864 | --- | | |
| 21 | 460 | 350 | 250 | 340 | 981 | 700 | 527 | 2090 | 776 | --- | | |
| 22 | 460 | 350 | 250 | 340 | 1020 | 600 | 489 | 2140 | 793 | --- | | |
| 23 | 470 | 350 | 250 | 340 | 886 | 600 | 467 | 2070 | 854 | --- | | |
| 24 | 490 | 350 | 250 | 330 | 755 | 560 | 466 | 1950 | 1050 | --- | | |
| 25 | 490 | 350 | 250 | 325 | 816 | 540 | 499 | 1850 | 1010 | --- | | |
| 26 | 485 | 350 | 250 | 320 | 933 | 500 | 499 | 1690 | 844 | --- | | |
| 27 | 490 | 350 | 250 | 320 | 909 | 490 | 513 | 1480 | 760 | --- | | |
| 28 | 490 | 350 | 250 | 315 | 963 | 480 | 525 | 1440 | 703 | --- | | |
| 29 | 480 | 350 | 250 | 310 | 882 | 450 | 488 | 1530 | 632 | --- | | |
| 30 | 480 | 350 | 250 | 305 | --- | 415 | 528 | 1680 | 603 | --- | | |
| 31 | 480 | --- | 250 | 305 | --- | 420 | --- | 1810 | --- | --- | | |
| TOTAL | 14172 | 12770 | 8498 | 8935 | 17778 | 19025 | 15565 | --- | 35924 | --- | | |
| MEAN | 457 | 426 | 274 | 288 | 613 | 614 | 519 | --- | 1197 | --- | | |
| MAX | 490 | 510 | 350 | 340 | 1020 | 900 | 600 | --- | 1720 | --- | | |
| MIN | 419 | 350 | 250 | 250 | 310 | 415 | 415 | --- | 603 | --- | | |
| AC-FT | 28110 | 25330 | 16860 | 17720 | 35260 | 37740 | 30870 | --- | 71260 | --- | | |

PROCESS DATE IS 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306700 WHITE R BLW ASPHALT WASH NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395532 LONGITUDE 1091730 DRAINAGE AREA DATUM STATE 49 COUNTY 047

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | --- | 881 | --- | 546 | 521 | --- | 703 | | | | |
| 2 | --- | --- | 871 | --- | 578 | --- | --- | 632 | | | | |
| 3 | --- | 802 | 822 | --- | 553 | --- | --- | 602 | | | | |
| 4 | --- | 770 | 796 | --- | 580 | --- | --- | --- | | | | |
| 5 | --- | 754 | 771 | --- | 570 | --- | --- | --- | | | | |
| 6 | --- | 752 | 742 | --- | 562 | --- | --- | --- | | | | |
| 7 | --- | 750 | 744 | --- | 538 | --- | --- | --- | | | | |
| 8 | --- | 752 | 751 | --- | 545 | --- | --- | --- | | | | |
| 9 | 727 | 754 | 746 | --- | 567 | --- | 2000 | --- | | | | |
| 10 | 730 | 754 | --- | --- | 514 | --- | 2000 | --- | | | | |
| 11 | --- | 750 | --- | --- | 518 | --- | 2000 | --- | | | | |
| 12 | --- | 753 | --- | --- | 530 | --- | 2000 | --- | | | | |
| 13 | --- | 756 | --- | --- | 574 | --- | 2000 | --- | | | | |
| 14 | --- | 772 | --- | 451 | 559 | --- | 2010 | --- | | | | |
| 15 | --- | 755 | --- | 445 | 556 | --- | 2010 | --- | | | | |
| 16 | --- | 783 | --- | 450 | 570 | --- | 1340 | --- | | | | |
| 17 | --- | 772 | --- | 445 | 583 | --- | 775 | --- | | | | |
| 18 | --- | 758 | --- | 457 | 619 | --- | 772 | --- | | | | |
| 19 | --- | 761 | --- | 468 | 588 | --- | 781 | --- | | | | |
| 20 | --- | 770 | --- | 451 | 579 | --- | 814 | --- | | | | |
| 21 | --- | 762 | 189 | 444 | 566 | --- | 837 | --- | | | | |
| 22 | 725 | 770 | 205 | 442 | 586 | --- | 861 | --- | | | | |
| 23 | 721 | 783 | 225 | 449 | 577 | --- | 849 | --- | | | | |
| 24 | 740 | 802 | 246 | 470 | 594 | --- | 825 | --- | | | | |
| 25 | 723 | 813 | 271 | 474 | --- | --- | 803 | --- | | | | |
| 26 | --- | 830 | 302 | 500 | 649 | --- | 768 | --- | | | | |
| 27 | --- | 854 | 344 | 515 | --- | --- | 749 | --- | | | | |
| 28 | --- | 854 | --- | 507 | --- | --- | 737 | --- | | | | |
| 29 | --- | 855 | 439 | 533 | 554 | --- | 724 | --- | | | | |
| 30 | --- | 884 | 423 | 544 | --- | --- | 726 | --- | | | | |
| 31 | --- | --- | --- | 569 | --- | --- | --- | --- | | | | |
| MEAN | --- | 783 | --- | --- | 568 | --- | --- | --- | | | | |

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306700 WHITE R BLW ASPHALT WASH NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395532 LONGITUDE 1091730 DRAINAGE AREA DATUM STATE 49 COUNTY 047

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 12.5 | --- | --- | --- | -0.5 | -0.5 | --- | 13.5 | | | | |
| 2 | 12.0 | --- | --- | --- | -0.5 | --- | --- | 14.5 | | | | |
| 3 | 12.5 | 7.0 | --- | --- | -0.5 | --- | --- | 13.0 | | | | |
| 4 | 12.5 | 5.5 | --- | --- | -0.5 | --- | --- | --- | | | | |
| 5 | 12.5 | --- | --- | --- | -0.5 | --- | --- | --- | | | | |
| 6 | 13.0 | --- | --- | --- | -0.5 | --- | --- | --- | | | | |
| 7 | 13.0 | --- | --- | -0.5 | -0.5 | --- | --- | --- | | | | |
| 8 | 11.0 | --- | --- | -0.5 | -0.5 | --- | --- | --- | | | | |
| 9 | 11.0 | --- | --- | -0.5 | -0.5 | --- | 12.0 | --- | | | | |
| 10 | 10.5 | --- | --- | -0.5 | -0.5 | --- | 11.0 | --- | | | | |
| 11 | 11.0 | --- | --- | -0.5 | -0.5 | --- | 11.5 | --- | | | | |
| 12 | 11.0 | --- | --- | -0.5 | -0.5 | --- | 11.5 | --- | | | | |
| 13 | 10.5 | --- | --- | -0.5 | -0.5 | --- | 10.5 | --- | | | | |
| 14 | 9.0 | --- | --- | -0.5 | -0.5 | --- | 9.5 | --- | | | | |
| 15 | 9.0 | --- | --- | -0.5 | -0.5 | --- | 10.0 | --- | | | | |
| 16 | 8.5 | --- | --- | -0.5 | -0.5 | --- | 10.5 | --- | | | | |
| 17 | 8.5 | --- | -0.5 | -0.5 | -0.5 | --- | 10.0 | --- | | | | |
| 18 | 9.0 | --- | 0.5 | -0.5 | -0.5 | --- | 10.5 | --- | | | | |
| 19 | 9.5 | --- | -0.5 | -0.5 | -0.5 | --- | 10.5 | --- | | | | |
| 20 | 8.5 | --- | -0.5 | -0.5 | -0.5 | --- | 11.5 | --- | | | | |
| 21 | --- | --- | -0.5 | -0.5 | -0.5 | --- | 12.0 | --- | | | | |
| 22 | --- | --- | -0.5 | -0.5 | -0.5 | --- | 12.0 | --- | | | | |
| 23 | --- | --- | -0.5 | -0.5 | -0.5 | --- | 12.0 | --- | | | | |
| 24 | --- | --- | -0.5 | -0.5 | -0.5 | --- | 12.0 | --- | | | | |
| 25 | --- | --- | -0.5 | -0.5 | -0.5 | --- | 12.5 | --- | | | | |
| 26 | --- | --- | -0.5 | -0.5 | -0.5 | --- | 9.5 | --- | | | | |
| 27 | --- | --- | 1.5 | -0.5 | -0.5 | --- | 11.0 | --- | | | | |
| 28 | --- | --- | 0.0 | -0.5 | -0.5 | --- | 12.0 | --- | | | | |
| 29 | --- | --- | -0.5 | -0.5 | -0.5 | --- | 13.5 | --- | | | | |
| 30 | --- | --- | -0.5 | -0.5 | --- | --- | 14.0 | --- | | | | |
| 31 | --- | --- | --- | -0.5 | --- | --- | --- | --- | | | | |
| MEAN | --- | --- | --- | -0.5 | -0.5 | --- | --- | --- | | | | |

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

| Date | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sep |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | ALL VALUES IN INCHES OF EVAPORATION | | | | | | | | | | |
| 2 | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | |
| 4 | | STARTED 1600 5/4/76 | | | | | | *** | | | | |
| 5 | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | |
| 7 | | | | | | | | 0.06 | | | | |
| 8 | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | |
| 12 | | | | | | | | *0.52 | | | | |
| 13 | | | | | | | | | | | | |
| 14 | | | | | | | | 0.32 | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | |
| 18 | | | | | | | | 0.91 | | | | |
| 19 | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | |
| 21 | | | | | | | | 0.56 | | | | |
| 22 | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | |
| 24 | | | | | | | | 0.40 | | | | |
| 25 | * EXCLUDING 0.48 rain 5/7/76 | | | | | | | | | | | |
| 26 | * | " | 0.80 rain 5/12/76 | | | | | | | | | |
| 27 | | | | | | | | | | | | |
| 28 | | | | | | | | 0.61 | | | | |
| 29 | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | |
| Tot. | | | | | | | | 3.38 | | | | |

STATION EVAPORATION -2 SEASON TOTAL 75-76

| Date | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sep |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | ALL VALUES IN INCHES OF EVAPORATION | | | | | | | | | | | |
| 2 | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | |
| 4 | | | | STARTED 1500 5/4/76 | | | | * | | | | |
| 5 | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | |
| 7 | | | | | | | | *0.01 | | | | |
| 8 | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | |
| 12 | | | | | | | | *0.31 | | | | |
| 13 | | | | | | | | | | | | |
| 14 | | | | | | | | 0.29 | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | |
| 18 | | | | | | | | 0.98 | | | | |
| 19 | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | |
| 21 | | | | | | | | 0.58 | | | | |
| 22 | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | |
| 24 | | | | | | | | 0.40 | | | | |
| 25 | | | | | | | | | | | | |
| 26 | * excluding 0.38" rain 5/7/76 | | | | | | | | | | | |
| 27 | * " 0.88" " 5/12/76 | | | | | | | | | | | |
| 28 | | | | | | | | 0.60 | | | | |
| 29 | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | |

STATION RS-PLANT SITE SEASON TOTAL 75-76

| Date | 1.58 Oct. | .33 Nov. | .39 Dec. | .29 Jan. | .29 Feb. | 1.26 Mar. | .94 Apr. | 1.72 May | .86 June | .90 July | Aug. | Sep |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | | .10 | | |
| 2 | | | | | | | 0.05 | | | | | |
| 3 | | | | | | 0.65 | | .03 | | | | |
| 4 | | | | | | | | | | | | |
| 5 | | | | 0.29 | | | | | | | | |
| 6 | | | | 1 | 0.165 | | | | | | | |
| 7 | | | | | | | | | | | | |
| 8 | .16 | | | | | | | | | | | |
| 9 | | | | | | | | | | | | |
| 10 | | | | | | | | 1.11 | | | | |
| 11 | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | |
| 13 | .04 | | | | | 0.61 | | | | | | |
| 14 | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | .39 | | | | | | | | | |
| 17 | | | | | .02 | | | | | | | |
| 18 | | | | | | | | | | | | |
| 19 | | .04 | | | | | | | | .26 | | |
| 20 | | | | | .17 | | | | | | | |
| 21 | | | | | | | | | | | | |
| 22 | | | | | | | | | .86 | | | |
| 23 | .60 | | | | | | | | | | | |
| 24 | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | |
| 26 | | | | | | | | .54 | | | | |
| 27 | .16 | | | | | | 0.89 | | | | | |
| 28 | | | | | | | | | | | | |
| 29 | | .29 | | | | | | | | | | |
| 30 | | | | | | | | | | | | |
| | .62 | | | | | | | .01 | | | | |

INSTALLED 2/11/76

STATION R 5-13 SEASON TOTAL 75-76

| Date | 1.97 Oct. | .37 Nov. | 1.54 Dec. | .22 Jan. | .39 Feb. | 1.18 Mar. | .75 Apr. | 1.44 May | 1.20 June | .47 July | Aug. | Sep |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | | .24 | | |
| 2 | | | | | | | 0.03 | | | | | |
| 3 | | | | | | 0.60 | | .03 | | | | |
| 4 | | | | | | | | | | | | |
| 5 | | | | .22 | | | | | | | | |
| 6 | | | | | 0.16 | | | | | | | |
| 7 | | | | | | | | | | | | |
| 8 | .13 | | | | | | | | | | | |
| 9 | | | | | | | | | | | | |
| 10 | | | | | | | | .97 | | | | |
| 11 | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | |
| 13 | .03 | | | | | 0.58 | | | | | | |
| 14 | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | .66 | | | | | | | | | |
| 17 | | | | | .07 | | | | | | | |
| 18 | | | | | | | | | | | | |
| 19 | | .06 | | | | | | | | .23 | | |
| 20 | | | | | .22 | | | | | | | |
| 21 | | | | | | | | | | | | |
| 22 | | | | | | | | | 1.20 | | | |
| 23 | .58 | | | | | | | | | | | |
| 24 | | | | | | | | | | | | |
| 25 | | .09 | | | | | | | | | | |
| 26 | | | | | | | | .39 | | | | |
| 27 | .07 | | | | | | 0.72 | | | | | |
| 28 | | | | | | | | | | | | |
| 29 | | .22 | | | | | | | | | | |
| 30 | | | | | | | | | | | | |
| 31 | .66 | | .88T | | | | | .05 | | | | |

ACTUAL 2/17/76

STATION RS-12 SEASON TOTAL 75-76

| Date | 1.39 Oct. | .35 Nov. | 1.76 Dec. | .28 Jan. | .18 Feb. | 1.25 Mar. | .73 Apr. | 1.16 May | .56 June | .46 July | Aug. | Sep |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | | .17 | | |
| 2 | | | | | | | 0.07 | | | | | |
| 3 | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | |
| 5 | | | | .28 | | | | | | | | |
| 6 | | | | | .11 | | | | | | | |
| 7 | | | | | | | | | | | | |
| 8 | .13 | | | | | | | | | | | |
| 9 | | | | | | 1.02 | | | | | | |
| 10 | | | | | | | | 0.62 | | | | |
| 11 | | | | | | | | | | | | |
| 12 | | | | | | | | | | .08 | | |
| 13 | .03 | | | | | | | | | | | |
| 14 | | | | | | 0.23 | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | .74 | | | | | | | | | |
| 17 | | | | | .07 | | | | | | | |
| 18 | | | | | | | | | | | | |
| 19 | | .04 | | | | | | | | .21 | | |
| 20 | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | |
| 22 | | | | | | | | | .56 | | | |
| 23 | .55 | | | | | | | | | | | |
| 24 | | | | | | | | | | | | |
| 25 | | .12 | | | | | | | | | | |
| 26 | | | | | | | | 0.48 | | | | |
| 27 | .05 | | | | | | 0.65 | | | | | |
| 28 | | | | | | | | | | | | |
| 29 | | .17 | | | | | | | | | | |
| 30 | .63 | | | | | | | | | | | |
| 31 | | | (1.02T) | | | | | 0.06 | | | | |

NO

STATION ARS 12 SEASON TOTAL 75-76

| Date | Oct. | Nov. | Dec. | Jan. | .2 Feb. | 1.3 Mar. | .7 Apr. | 1.3 May | .9 June | July | Aug. | Sep |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | 0.4 | | | | 0.1 | | |
| 2 | | | | 12/1/75 | | 0.3 | | | | | | |
| 3 | | | | | | 0.4 | | | | | | |
| 4 | | | | | | | | | | | | |
| 5 | | | | | | | 0.2 | | | | | |
| 6 | | | | 12/26 | 0.1 | | | 0.4 | | | | |
| 7 | | | | 12/27 | | | | | | | | |
| 8 | | | | | | | | 0.3 | | | | |
| 9 | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | |
| 11 | | | | 1/3/76 | | 0.2 | | | | | | |
| 12 | | | | | | | | | | | | |
| 13 | | | | | | | | | 0.2 | | | |
| 14 | | | | 1/5/76 | | | 0.1 | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | | | | | 0.1 | | | | | |
| 17 | | | | | 0.1 | | 0.1 | | | | | |
| 18 | | | | | | | 0.1 | | | | | |
| 19 | | | | | | | | | | | | |
| 20 | | | | | | | | 0.1 | | | | |
| 21 | | | | | | | | 0.2 | | | | |
| 22 | | | | | | | | 0.1 | 0.6 | | | |
| 23 | | | | | | | | 0.1 | | | | |
| 24 | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | |
| 26 | | | | | | | 0.1 | | | | | |
| 27 | | | | | | | | | | | | |
| 28 | | | | | | | | | | | | |
| 29 | | | | | | | | | | | | |
| 30 | | | | | | | | | 0.1 | | | |
| 31 | | | | | | | | | | | | |

STATION RS-11 SEASON TOTAL 75-76

| Date | Oct. | Nov. | Dec. | Jan. | .32 Feb. | 1.24 Mar. | .63 Apr. | [illegible] May | .56 June | .50 July | Aug. | Sep |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | | .10 | | |
| 2 | | | | 9/12/76 | | | 0.03 | | | | | |
| 3 | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | |
| 6 | | | | | 0.10 | | | | | | | |
| 7 | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | |
| 9 | | | | | | 1.08 | | | | | | |
| 10 | | | | | | | | 0.63 | | | | |
| 11 | | | | | | | | | | | | |
| 12 | | | | | | | | | | .22 | | |
| 13 | | | | | | | | | | | | |
| 14 | | | | | | 0.16 | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | |
| 17 | | | | | .05 | | | | | | | |
| 18 | | | | | | | | | | | | |
| 19 | | | | | | | | | | .18 | | |
| 20 | | | | | .24 | | | | | | | |
| 21 | | | | | | | | | | | | |
| 22 | | | | | | | | | .56 | | | |
| 23 | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | |
| 26 | | | | | | | | 047 | | | | |
| 27 | | | | | | | 0.60 | | | | | |
| 28 | | | | | | | | | | | | |
| 29 | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | |
| 31 | | | | | | | | 0.05 | | | | |

STATION RS-7 SEASON TOTAL 75-76

| Date | 2.1 Oct. | .41 Nov. | 1.72 Dec. | .33 Jan. | .45 Feb. | 1.27 Mar. | 1.04 Apr. | 1.35 May | .81 June | .40 July | Aug. | Sep |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | (.86) | | | | | | | .05 | | |
| 2 | | | | | | | 2.04 | | | | | |
| 3 | | | | | | 0.67 | | .00 | | | | |
| 4 | | | | | | | | | | | | |
| 5 | | | | .33 | | | | | | | | |
| 6 | | | | | 0.1 est. | | | | | | | |
| 7 | | | | | | | | | | | | |
| 8 | .17 | | | | | | | | | | | |
| 9 | | | | | | | | | | | | |
| 10 | | | | | | | | .82 | | | | |
| 11 | | .01 | | | | | | | | | | |
| 12 | | | | | | | | | | | | |
| 13 | .04 | | | | | 0.60 | | | | | | |
| 14 | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | .86 | | | | | | | | | |
| 17 | | | | | .04 | | | | | | | |
| 18 | | | | | | | | | | | | |
| 19 | | .04 | | | | | | | | .35 | | |
| 20 | | | | | .31 | | | | | | | |
| 21 | | | | | | | | | | | | |
| 22 | | | | | | | ~~.10~~ | | .81 | | | |
| 23 | .66 | | | | | | | | | | | |
| 24 | | | | | | | | | | | | |
| 25 | | .11 | | | | | | | | | | |
| 26 | | | | | | | | .45 | | | | |
| 27 | .15 | | | | | | 1.00 | | | | | |
| 28 | | | | | | | | | | | | |
| 29 | | .2[illegible] | | | | | | | | | | |
| 30 | | | | | | | | | | | | |
| 31 | .69 | | | | | | | .08 | | | | |

STATION PS-9 SEASON TOTAL 75-76

| Date | Oct. | Nov. | Dec. | Jan. | .3 Feb. | 1.2 Mar. | 1.0 Apr. | 1.3 May | 1.0 June | July | Aug. | Sep |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | 0.1 | | | | | | |
| 2 | | | | | | 0.5 | | | | | | |
| 3 | | | | | | | | | | | | |
| 4 | | | | | | 0.3 | | | | | | |
| 5 | | | | | | 0.1 | ~~0.1~~ | | | | | |
| 6 | | | | | | | | 0.4 | | | | |
| 7 | | | | | | | | 0.1 | | | | |
| 8 | | | | | | | | 0.3 | | | | |
| 9 | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | |
| 11 | | | | | | 0.2 | | | | | | |
| 12 | | | | | | | | | | | | |
| 13 | | | | | | | | | 0.2 | | | |
| 14 | | | | | | | 0.1 | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | | | | | 0.1 | | | | | |
| 17 | | | | | | | 0.3 | | | | | |
| 18 | | | | | | | 0.2 | | 0.1 | | | |
| 19 | | | | | | | | | | | | |
| 20 | | | | | 0.3 | | | 0.1 | | | | |
| 21 | | | | | | | | 0.1 | | | | |
| 22 | | | | | | | | 0.2 | 0.7 | | | |
| 23 | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | |
| 25 | | | | | | | 0.1 | | | | | |
| 26 | | | | | | | 0.2 | | | | | |
| 27 | | | | | | | | | | | | |
| 28 | | | | | | | | | | | | |
| 29 | | | | | | | | 0.1 | | | | |
| 30 | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | |

Last Added 2/11/76

STATION PSRH AK-8 STD @ A-8 Air Station SEASON TOTAL 75-76

| Date | Oct. | Nov. | Dec. | Jan. | .36 Feb. | .90 Mar. | 1.02 Apr. | 1.26 May | .73 June | .61 July | Aug. | Sept |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | installed | | 2-1-76 | | | | | | | | | |
| 2 | | | | | | .26 | | | | | | |
| 3 | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | |
| 7 | | | | | .07 | | .03 | | | | | |
| 8 | | | | | | .39 | | | | | | |
| 9 | | | | | | | | | | | | |
| 10 | | | | | | | | .73 | | | | |
| 11 | | | | | | | | | | | | |
| 12 | | | | | | .20 | | | | | | |
| 13 | | | | | | | | | | | | |
| 14 | | | | | | | | | .23 | | | |
| 15 | | | | | | | .10 | | | | | |
| 16 | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | |
| 19 | | | | | | | .58 | | | .24 | | |
| 20 | | | | | | | | | | .15 | | |
| 21 | | | | | | | | .03 | | | | |
| 22 | | | | | | | | .26 | .50 | | | |
| 23 | | | | | .36 | | | | | | | |
| 24 | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | |
| 26 | | | | | | | | | | | | |
| 27 | | | | | | | .31 | | | | | |
| 28 | | | | | | | | .14 | | | | |
| 29 | | | | | | .05 | | | | .22 | | |
| 30 | | | | | | | | | | | | |
| 31 | | | | | | HD | | .10 | | | | |

STATION ARA 8 SEASON TOTAL 75-76

| Date | Oct. | Nov. | Dec. | Jan. | Feb. .4 | Mar. .8 | Apr. .9 | May 1.1 | June 0.9 | July | Aug. | Sept. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | 0.2 | | | | 0.1 | | |
| 2 | | | | | | 0.1 | | | | | | |
| 3 | | | | | | 0.1 | | | | | | |
| 4 | | | | | | 0.1 | | | | | | |
| 5 | | | | | | 0.1 | | | | | | |
| 6 | | | | | 0.1 | | | 0.4 | | | | |
| 7 | | | | | | | | | | | | |
| 8 | | | | | | | | 0.4 | | | | |
| 9 | | | | | 0.1 | | | | | | | |
| 10 | | | | | | | | | | | | |
| 11 | | | | | | 0.1 | | 0.1 | | | | |
| 12 | | | | | | | | | | | | |
| 13 | | | | | | | | | 0.2 | | | |
| 14 | | | | | | | 0.1 | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | | | | | 0.1 | | 0.1 | | | |
| 17 | | | | | | | 0.2 | | | | | |
| 18 | | | | | | | 0.2 | | 0.1 | 0.2 | | |
| 19 | | | | | 0.2 | | | | | | | |
| 20 | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | |
| 22 | | | | | | | | 0.2 | 0.5 | | | |
| 23 | | | | | | | 0.1 | | | | | |
| 24 | | | | | | | | | | | | |
| 25 | | | | | | 0.1 | | | | | | |
| 26 | | | | | | | 0.2 | | | | | |
| 27 | | | | | | | | | | | | |
| 28 | | | | | | | | ~~0.1~~ | | | | |
| 29 | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | |

Instrument failure

STATION RS-6 STD SEASON TOTAL 7[illegible]-76

| Date | 1.39 Oct. | .33 Nov. | .72 Dec. | .26 Jan. | .82 Feb. | 1.03 Mar. | 1.27 Apr. | 1.12 May | .64 June | .43 July | Aug. | Sept |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | |
| 3 | | | | | | .84 | | | | | | |
| 4 | | | | | | | | | | | | |
| 5 | | | | .26 | | | | | | | | |
| 6 | | | | | | | | | | | | |
| 7 | | | | | .21 | | .04 | | | | | |
| 8 | .14 | | | | | .45 | | | | | | |
| 9 | | | | | | | | | | | | |
| 10 | | | | | | | | .72 | | | | |
| 11 | | | | | | | | | | | | |
| 12 | | | | | | .21 | | | | | | |
| 13 | .05 | | | | | | | | .20 | | | |
| 14 | | | | | | | | | | | | |
| 15 | | | .72 | | | | .17 | | | | | |
| 16 | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | |
| 19 | | .04 | | | | | .76 | | | .16 | | |
| 20 | | | | | | | | | | .02 | | |
| 21 | | | | | | | | .11 | | | | |
| 22 | | | | | | | | .37 | | | | |
| 23 | .50 | | | | .61 | | | | .44 | | | |
| 24 | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | |
| 26 | | | | | | | | | | | | |
| 27 | .02 | | | | | | .30 | | | | | |
| 28 | | | | | | | | .22 | | | | |
| 29 | | .29 | | | | .34 | | | | .25 | | |
| 30 | | | | | | | | | | | | |
| 31 | .62 | | .26 | | | | | | | | | |
| Tot | | | .98 | | | 1.24 | 1.77 | 1.12 | | | | |

STATION ARS-4 SEASON TOTAL 75-76

| Date | Oct. | Nov. | Dec. | Jan. | .3 Feb. | 1.0 Mar. | .8 Apr. | 1.8 May | 1.1 June | July | Aug. | Sep |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | 0.1 | | | | | | |
| 2 | | | | | | 0.4 | | | | | | |
| 3 | | | | | | 0.1 | | 0.1 | | | | |
| 4 | | | | | | 0.3 | | | | | | |
| 5 | | | | | | | 0.1 | | | | | |
| 6 | | | | | 0.1 | | | 0.3 | | | | |
| 7 | | | | | | | | 0.5 | | | | |
| 8 | | | | | | | | 0.4 | | | | |
| 9 | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | |
| 11 | | | | | | 0.1 | | | | | | |
| 12 | | | | | | | | | | | | |
| 13 | | | | | | | | | 0.2 | | | |
| 14 | | | | | | | | | | | | |
| 15 | | | | | | | 0.1 | | | | | |
| 16 | | | | | | | 0.1 | | | | | |
| 17 | | | | | 0 | | 0.2 | | 0.1 | | | |
| 18 | | | | | | | 0.1 | | | | | |
| 19 | | | | | | | | | | | | |
| 20 | | | | | 0.2 | | | | | | | |
| 21 | | | | | | | | 0.2 | | | | |
| 22 | | | | | | | | 0.1 | 0.8 | | | |
| 23 | | | | | | | | 0.1 | | | | |
| 24 | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | |
| 26 | | | | | | | 0.1 | | | | | |
| 27 | | | | | | | | | | | | |
| 28 | | | | | | | | 0.1 | | | | |
| 29 | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | |

STATION RS-4 SEASON TOTAL 75-76

| Date | Oct. | Nov. | Dec. | Jan. | .33 Feb. | 1.26 Mar. | .79 Apr. | 1.60 May | 1.08 June | .18 July | Aug. | Sep |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | | .01 | | |
| 2 | | | | | | | 0.07 | | | | | |
| 3 | | | | | | 0.64 | | .03 | | | | |
| 4 | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | |
| 6 | | | | | 0.1 est. | | | | | | | |
| 7 | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | |
| 10 | | | | | | | | 1.20 | | | | |
| 11 | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | |
| 13 | | | | | | 0.62 | | | | | | |
| 14 | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | |
| 17 | | | | | .02 | | | | | | | |
| 18 | | | | | | | | | | | | |
| 19 | | | | | | | | | | .17 | | |
| 20 | | | | | .21 | | | | | | | |
| 21 | | | | | | | | | | | | |
| 22 | | | | | | | | | 1.08 | | | |
| 23 | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | |
| 26 | | | | | | | | .39 | | | | |
| 27 | | | | | | | 0.72 | | | | | |
| 28 | | | | | | | | | | | | |
| 29 | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | |
| 31 | | | | | | | | .04 | | | | |

STATION KS-3 SEASON TOTAL 75-76

| Date | 1.33 Oct. | .35 Nov. | .56 Dec. | .20 Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | |
| 5 | | | | .20 | | | | | | | | |
| 6 | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | |
| 8 | .14 | | | | | | | | | | | |
| 9 | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | |
| 11 | | .01 | | | | | | | | | | |
| 12 | | | | | | | | | | | | |
| 13 | .03 | | | | | | | | | | | |
| 14 | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | .56 | | | | | | | | | |
| 17 | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | |
| 20 | | .04 | | | | | | | | | | |
| 21 | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | |
| 23 | .41 | | | | | | | | | | | |
| 24 | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | |
| 26 | | | | | | | | | | | | |
| 27 | .09 | | | | | | | | | | | |
| 28 | | | | | | | | | | | | |
| 29 | | .30 | | | | | | | | | | |
| 30 | | | | | | | | | | | | |
| 31 | .66 | | | | | | | | | | | |
| Tot. | | | .76 | | | | | | | | | |

Discontinued

STATION AKD-2 SEASON TOTAL 75-76

| Date | 1.6 Oct. | .3 Nov. | — Dec. | — Jan. | .4 Feb. | 1.2 Mar. | .5 Apr. | 1.5 May | 1.3 June | July | Aug. | Sep |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | 0.1 | | | | 0.1 | | |
| 2 | | | | | | 0.5 | | | | | | |
| 3 | | | | | | | | | | | | |
| 4 | | | | | | 0.3 | | | | | | |
| 5 | | | | | | | | | | | | |
| 6 | | | | | 0.2 | | | 0.4 | | | | |
| 7 | | | | | | | | 0.1 | | | | |
| 8 | 0.1 | | | | | | | 0.5 | | | | |
| 9 | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | |
| 11 | | | | | | 0.2 | | | | | | |
| 12 | | | | | | | | | | | | |
| 13 | | | | | | | | | 0.1 | | | |
| 14 | | | | | | | 0.1 | | 0.1 | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | | | | | 0.1 | | | | | |
| 17 | | | | | | | 0.2 | | 0.1 | | | |
| 18 | | | | | | | 0.1 | | | | | |
| 19 | | | | | | | | | | | | |
| 20 | | 0.1 | | | 0.2 | | | 0.1 | | | | |
| 21 | | | | | | | | 0.1 | | | | |
| 22 | | | | | | | | 0.2 | 1.0 | | | |
| 23 | 0.5 | | | | | | | | | | | |
| 24 | 0.2 | | | | | 0.1 | | | | | | |
| 25 | | | | | | | | | | | | |
| 26 | | | | | | | 0.1 | | | | | |
| 27 | | | | | | | 0.1 | | | | | |
| 28 | | | | | | | | | | | | |
| 29 | | 0.2 | | | | | | | | | | |
| 30 | 0.2 | | | | | | | | | | | |
| 31 | | | | | | | | 0.1 | | | | |

STATION RS-2 SEASON TOTAL 75-76

| Date | Oct. | Nov. | Dec. | Jan. | .35 Feb. | 1.07 Mar. | .66 Apr. | 1.17 May | .96 June | .36 July | Aug. | Sep |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | | .11 | | |
| 2 | | | | | | | 0.07 | | | | | |
| 3 | | | | | | 0.57 | | | | | | |
| 4 | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | |
| 6 | | | | | 0.10 | | | | | | | |
| 7 | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | |
| 10 | | | | | | | | 0.81 | | | | |
| 11 | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | |
| 14 | | | | | | 0.50 | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | |
| 17 | | | | | 0.06 | | | | | | | |
| 18 | | | | | | | | | | | | |
| 19 | | | | | | | | | | .25 | | |
| 20 | | | | | 0.19 | | | | | | | |
| 21 | | | | | | | | | | | | |
| 22 | | | | | | | | | .96 | | | |
| 23 | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | |
| 26 | | | | | | | | 0.36 | | | | |
| 27 | | | | | | | 0.58 | | | | | |
| 28 | | | | | | | | | | | | |
| 29 | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | |

STATION RS-1 Standard (Measured Monthly) SEASON TOTAL 75-76

| Date | 1.37 Oct. | .32 Nov. | .66 Dec. | .18 Jan. | .17 Feb. | .41 Mar. | 1.09 Apr. | 1.19 May | .78 June | .61 July | Aug. | Sept. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | |
| 5 | | | | .18 | | | | | | | | |
| 6 | | | | | ~~.10~~ | | | | | | | |
| 7 | | | | | .17 | | | | | | | |
| 8 | .09 | | | | | | | | | | | |
| 9 | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | |
| 13 | .02 | | | | | | | .68 | | | | |
| 14 | | | | | | | | | | | | |
| 15 | | | .66 | | | | .14 | | | | | |
| 16 | | | | | | | | | | | | |
| 17 | | | | | | | | | .21 | | | |
| 18 | | | | | | | | | | | | |
| 19 | | .04 | | | | | .13 | | | | | |
| 20 | | | | | | | | | | .51 | | |
| 21 | | | | | | | | | | | | |
| 22 | | | | | | | | | .51 | | | |
| 23 | .54 | | | | | | | | | | | |
| 24 | | | | | | | | | | | | |
| 25 | | | | | | | | .38 | | | | |
| 26 | | | | | | | | | | | | |
| 27 | .11 | | | | | | .32 | | | | | |
| 28 | | | | | | | | | | | | |
| 29 | | .25 | | | | .41 | | | | .61 | | |
| 30 | | | | | | | | | | | | |
| 31 | .61 | | ~~.18~~ | | | | | .13 | | | | |

STATION ARP-1 SEASON TOTAL 75 -76

| Date | 1.5 Oct. | .4 Nov. | .3 Dec. | .2 Jan. | .4 Feb. | 1.0 Mar. | .9 Apr. | 1.1 May | 1.0 June | July | Aug. | Sep |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | 0.1 | | 0.1 | | | 0.1 | | | |
| 2 | | | | | | 0.4 | | | | | | |
| 3 | | | | | | | | ~~0.1~~ | | | | |
| 4 | | | | | | 0.3 | | | | | | |
| 5 | | | | | | | | | | | | |
| 6 | | | | 0.1 | 0.1 | | | 0.4 | | | | |
| 7 | | | | | | | | | | | | |
| 8 | 0.1 | | | | | | | 0.4 | | | | |
| 9 | | | | | | | | | | | | |
| 10 | 0.1 | 0.1 | | | | | | | | | | |
| 11 | | | | | | 0.1 | | | | | | |
| 12 | | | | | | 0.1 | | | | | | |
| 13 | | | | | | | | | 0.2 | | | |
| 14 | | | 0.3 | | | | 0.2 | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | 0.1 | | | | | 0.2 | | | | | |
| 17 | | | | | 0.1 | | 0.2 | | | | | |
| 18 | | | | | | | 0.1 | | 0.1 | | | |
| 19 | | | | | | | 0.1 | | | | | |
| 20 | | | | | 0.2 | | | | | | | |
| 21 | | | | | | | | 0.1 | | | | |
| 22 | | | | | | | | 0.2 | 0.6 | | | |
| 23 | 0.2 | | | | | | | | | | | |
| 24 | 0.3 | | | | | | | 0.1 | | | | |
| 25 | 0.1 | | | | | | | E | | | | |
| 26 | | | | | | | 0.1 | | | | | |
| 27 | | | | | | | | | | | | |
| 28 | | | | | | | | | | | | |
| 29 | 0.1 | 0.2 | | | | | | | | | | |
| 30 | | | | | | | | | | | | |
| 31 | 0.6 | | | | | | | | | | | |

STATION ~~RS-P1~~ SEASON TOTAL 75-76

| Date | Oct. | Nov. | Dec. | Jan. | .36 Feb. | .86 Mar. | .92 Apr. | .72 May | .60 June | .36 July | Aug. | Sep |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | | .09 | | |
| 2 | | | | | | | 0.05 | | | | | |
| 3 | | | | | | 0.43 | | .05 | | | | |
| 4 | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | |
| 6 | | | | | .07 | | | | | | | |
| 7 | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | |
| 10 | | | | | | | | .30 | | | | |
| 11 | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | |
| 13 | | | | | | 0.43 | | | | | | |
| 14 | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | |
| 17 | | | | | .09 | | | | | | | |
| 18 | | | | | | | | | | | | |
| 19 | | | | | | | | | | .07 | | |
| 20 | | | | | .20 | | | | | | | |
| 21 | | | | | | | | | | | | |
| 22 | | | | | | | | | .60 | | | |
| 23 | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | |
| 26 | | | | | | | | .37 | | | | |
| 27 | | | | | | | 0.87 | | | | | |
| 28 | | | | | | | | | | | | |
| 29 | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | |

B. Surface Water Quality Data

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESSING DATE 08/25/76
09306400 - WHITE RIVER ABV HELLS HOLE CANYON NR WATSON UT DISTRICT CODE 49

S-1

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

| DATE | TYPE | TEMPERATURE (DEG C) (00010) | AIR TEMPERATURE (DEG C) (00020) | SURFACE AREA (SQUARE MILES) (00049) | INSTANTANEOUS DISCHARGE (CFS) (00061) | TURBIDITY (JTU) (00070) | COLOR (PLATINUM-COBALT UNITS) (00080) | SPECIFIC CONDUCTANCE (MICROMHOS) (00095) | DISSOLVED OXYGEN (MG/L) (00300) | CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340) | PH (UNITS) (00400) | CARBON DIOXIDE (CO2) (MG/L) (00405) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OCT. | | | | | | | | | | | | |
| 07... | 2 | 12.0 | 23.5 | 4.1 | 414 | 2 | 6 | 710 | 8.1 | 17 | 8.5 | .9 |
| 21... | 2 | 6.5 | -- | 4.1 | 430 | 20 | -- | 700 | -- | 5 | -- | -- |
| DEC. | | | | | | | | | | | | |
| 02... | 2 | .0 | -- | 4.1 | 293 | 20 | 5 | 811 | 11.0 | 6 | 8.2 | 2.4 |
| APR. | | | | | | | | | | | | |
| 19... | 2 | 10.5 | -- | 4.1 | -- | -- | -- | -- | -- | -- | 6.8 | -- |
| 20... | 2 | 11.9 | -- | 4.1 | 562 | 260 | 20 | 750 | 7.7 | 26 | 8.3 | 1.7 |
| 20... | 2 | 11.9 | -- | 4.1 | 562 | -- | -- | 750 | 7.7 | -- | 8.3 | -- |
| 20... | 2 | 11.9 | -- | 4.1 | 562 | -- | -- | 750 | 7.7 | -- | 8.3 | -- |
| MAY | | | | | | | | | | | | |
| 18... | 2 | 14.4 | -- | 4.1 | -- | 350 | 30 | 435 | -- | -- | 8.0 | 2.3 |
| JULY | | | | | | | | | | | | |
| 29... | 2 | 25.1 | -- | 4.1 | -- | -- | -- | 775 | -- | -- | 8.0 | -- |

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 08/25/76
09306400 - WHITE RIVER ABV HELLS HOLE CANYON NR WATSON UT DISTRICT CODE 49

Unpublished Records Subject to Revision

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

| DATE | ALKA-LINITY AS CACO3 (MG/L) (00410) | BICAR-BONATE (HCO3) (MG/L) (00440) | CAR-BONATE (CO3) (MG/L) (00445) | TOTAL FILT-RABLE RESIDUE (MG/L) (00515) | OIL AND GREASE (MG/L) (00550) | PERI-PHYTON BIOMASS ASH WEIGHT G/SQ M (00572) | PERI-PHYTON BIOMASS TOTAL DRY WEIGHT G/SQ M (00573) | DIS-SOLVED AMMONIA NITRO-GEN (N) (MG/L) (00608) | DIS-SOLVED NITRITE (N) (MG/L) (00613) | DIS-SOLVED NITRATE (N) (MG/L) (00618) | TOTAL KJEL-DAHL NITRO-GEN (N) (MG/L) (00625) | DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OCT. | | | | | | | | | | | | |
| 07... | 147 | 175 | 2 | 450 | 0 | -- | -- | .00 | .00 | .06 | .48 | .06 |
| 21... | 176 | 214 | 0 | -- | 0 | -- | -- | .00 | .00 | .00 | .21 | .00 |
| DEC. | | | | | | | | | | | | |
| 02... | 194 | 237 | 0 | 550 | 0 | -- | -- | .07 | .02 | .16 | .20 | .18 |
| APR. | | | | | | | | | | | | |
| 19... | -- | -- | -- | -- | -- | 252 | 268 | -- | -- | -- | -- | -- |
| 20... | 179 | 218 | 0 | -- | 0 | -- | -- | .03 | .00 | .07 | 1.3 | .07 |
| 20... | -- | -- | -- | 550 | -- | -- | -- | -- | -- | -- | -- | -- |
| 20... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MAY | | | | | | | | | | | | |
| 18... | 117 | 143 | 0 | -- | -- | -- | -- | .01 | .01 | .28 | 2.1 | .29 |
| JULY | | | | | | | | | | | | |
| 24... | -- | -- | -- | 560 | -- | -- | -- | -- | -- | -- | -- | -- |

Unpublished Records
Subject to Revision

09306400 - WHITE RIVER ABV HELLS HOLE CANYON NR WATSON UT DISTRICT CODE 49

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

| DATE | DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L) (00660) | TOTAL PHOS-PHORUS (P) (MG/L) (00665) | DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L) (00671) | TOTAL ORGANIC CARBON (C) (MG/L) (00680) | DIS-SOL-VED ORGANIC CARBON (C) (MG/L) (00681) | SUS-PENDED ORGANIC CARBON (C) (MG/L) (00689) | CYANIDE (CN) (MG/L) (00720) | DIS-SOL-VED SUL-FIDE (S) (MG/L) (00745) | HARD-NESS (CA,MG) (MG/L) (00900) | NON-CAR-BONATE HARD-NESS (MG/L) (00902) | DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915) | DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OCT. | | | | | | | | | | | | |
| 07... | .00 | .05 | .00 | 3.6 | -- | -- | .00 | .5 | 240 | 97 | 61 | 22 |
| 21... | .00 | .04 | .00 | -- | -- | -- | -- | .3 | 260 | 80 | 66 | 22 |
| DEC. | | | | | | | | | | | | |
| 02... | .03 | .02 | .01 | -- | -- | -- | .00 | .0 | 280 | 84 | 72 | 24 |
| APR. | | | | | | | | | | | | |
| 19... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 20... | .00 | .31 | .00 | -- | 3.5 | 1.3 | .00 | .3 | 270 | 89 | 64 | 26 |
| 20... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 20... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MAY | | | | | | | | | | | | |
| 18... | .00 | 1.2 | .00 | -- | 5.2 | -- | .00 | -- | 160 | 46 | 42 | 14 |
| JULY | | | | | | | | | | | | |
| 24... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

Unpublished Records
Subject to Revision

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

| DATE | DIS-SOLVED SODIUM (NA) (MG/L) (00930) | SODIUM AD-SORP-TION RATIO (00931) | PERCENT SODIUM (00932) | DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935) | DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940) | DIS-SOLVED SULFATE (SO4) (MG/L) (00945) | DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950) | DIS-SOLVED SILICA (SIO2) (MG/L) (00955) | DIS-SOLVED ARSENIC (AS) (UG/L) (01000) | DIS-SOLVED BARIUM (BA) (UG/L) (01005) | DIS-SOLVED BERYL-LIUM (BE) (UG/L) (01010) | DIS-SOLVED BISMUTH (BI) (UG/L) (01015) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OCT. | | | | | | | | | | | | |
| 07... | 56 | 1.6 | 33 | 1.8 | 32 | 150 | .3 | 11 | 1 | <100 | 0 | <3 |
| 21... | 50 | 1.4 | 30 | 1.6 | 31 | 140 | .2 | 11 | -- | -- | -- | -- |
| DEC. | | | | | | | | | | | | |
| 02... | 65 | 1.7 | 34 | 1.7 | 36 | 170 | .3 | 14 | 0 | 0 | -- | -- |
| APR. | | | | | | | | | | | | |
| 19... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 20... | 66 | 1.8 | 35 | 1.7 | 33 | 140 | .2 | 12 | 1 | 0 | 0 | -- |
| 20... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 20... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MAY | | | | | | | | | | | | |
| 15... | 22 | .8 | 23 | 1.7 | 10 | 70 | .2 | 12 | 1 | -- | -- | -- |
| JULY | | | | | | | | | | | | |
| 24... | -- | -- | -- | 3.5 | -- | -- | -- | -- | -- | -- | -- | -- |

Unpublished Records
Subject to Revision

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306400 - WHITE RIVER ABV HELLS HOLE CANYON NR WATSON UT

PROCESS DATE 08/25/76
DISTRICT CODE 49

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

| DATE | DIS-SOLVED BORON (B) (UG/L) (01020) | DIS-SOLVED CAD-MIUM (CD) (UG/L) (01025) | DIS-SOLVED CHRO-MIUM (CR) (UG/L) (01030) | DIS-SOLVED COBALT (CO) (UG/L) (01035) | DIS-SOLVED COPPER (CU) (UG/L) (01040) | DIS-SOLVED IRON (FE) (UG/L) (01046) | DIS-SOLVED LEAD (PB) (UG/L) (01049) | DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056) | DIS-SOLVED MOLYB-DENUM (MO) (UG/L) (01060) | DIS-SOLVED NICKEL (NI) (UG/L) (01065) | DIS-SOLVED SILVER (AG) (UG/L) (01075) | DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OCT. | | | | | | | | | | | | |
| 07... | 60 | 0 | 10 | 0 | 1 | 0 | 0 | 10 | 3 | 3 | 0 | 820 |
| 21... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DEC. | | | | | | | | | | | | |
| 02... | 60 | 0 | <10 | 0 | 0 | 0 | 0 | 0 | 3 | 2 | -- | -- |
| APR. | | | | | | | | | | | | |
| 19... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 20... | 60 | 0 | 10 | -- | 4 | 30 | 0 | 10 | 1 | 4 | -- | 790 |
| 20... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 20... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MAY | | | | | | | | | | | | |
| 15... | 50 | -- | -- | -- | -- | 20 | -- | 10 | -- | -- | -- | 500 |
| JULY | | | | | | | | | | | | |
| 24... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

Unpublished Records
Subject to Revision

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

| DATE | DIS-SOLVED VANA-DIUM (V) (UG/L) (01085) | DIS-SOLVED ZINC (ZN) (UG/L) (01090) | DIS-SOLVED TIN (SN) (UG/L) (01100) | DIS-SOLVED ALUM-INUM (AL) (UG/L) (01106) | DIS-SOLVED GALLIUM (GA) (UG/L) (01120) | DIS-SOLVED GER-MANIUM (GE) (UG/L) (01125) | DIS-SOLVED LITHIUM (LI) (UG/L) (01130) | DIS-SOLVED SELE-NIUM (SE) (UG/L) (01145) | DIS-SOLVED TI-TANIUM (TI) (UG/L) (01150) | DIS-SOLVED ZIR-CONIUM (ZR) (UG/L) (01160) | DIS-SOLVED GROSS BETA AS CS-137 (PC/L) (03515) | UNCOR-RECTED PERI-PHYTON CHLORO-PHYLL B MG/SQ M (32226) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OCT. | | | | | | | | | | | | |
| 07... | 2.1 | 10 | <4 | 10 | <2 | <6 | 10 | 0 | <2 | <5 | <1.4 | -- |
| 21... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DEC. | | | | | | | | | | | | |
| 02... | 1.4 | 10 | -- | 20 | -- | -- | 10 | 1 | -- | -- | 3.7 | -- |
| APR. | | | | | | | | | | | | |
| 19... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | .000 |
| 20... | 1.6 | 0 | -- | 20 | -- | -- | 10 | 1 | -- | -- | -- | -- |
| 20... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 8.9 | -- |
| 20... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MAY | | | | | | | | | | | | |
| 16... | -- | -- | -- | 30 | -- | -- | -- | -- | -- | -- | -- | -- |
| JULY | | | | | | | | | | | | |
| 24... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 3.9 | -- |

Published Reports
Subject to Revision



WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

| DATE | UNCORRECTED PERIPHYTON CHLOROPHYLL A MG/SQ M (32228) | CHLOROPHYLL A (UG/L) (32230) | CHLOROPHYLL B (UG/L) (32231) | PHENOLS (UG/L) (32730) | METHYLENE BLUE ACTIVE SUBSTANCE (MG/L) (38260) | POLYCHLORINATED NAPHTHALENES (UG/L) (39250) | TOTAL ALDRIN (UG/L) (39330) | ALDRIN IN BOTTOM MATERIAL (UG/KG) (39333) | TOTAL LINDANE (UG/L) (39340) | LINDANE IN BOTTOM MATERIAL (UG/KG) (39343) | TOTAL CHLORDANE (UG/L) (39350) | CHLORDANE IN BOTTOM MATERIAL (UG/KG) (39351) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OCT. | | | | | | | | | | | | |
| 07... | -- | 1.50 | .800 | 1 | .0 | -- | .00 | -- | .00 | -- | .0 | -- |
| 21... | -- | -- | -- | 5 | -- | -- | -- | -- | -- | -- | -- | -- |
| DEC. | | | | | | | | | | | | |
| 02... | -- | 1.20 | .800 | 1 | -- | -- | -- | -- | -- | -- | -- | -- |
| APR. | | | | | | | | | | | | |
| 19... | 37.1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 20... | -- | -- | -- | 4 | .0 | -- | -- | -- | -- | -- | -- | -- |
| 20... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 20... | -- | -- | -- | -- | -- | .00 | .00 | .0 | .00 | .0 | .0 | 0 |
| MAY | | | | | | | | | | | | |
| 16... | -- | -- | -- | 2 | -- | -- | -- | -- | -- | -- | -- | -- |
| JULY | | | | | | | | | | | | |
| 24... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 08/25/76
09306400 - WHITE RIVER ABV HELLS HOLE CANYON NR WATSON UT DISTRICT CODE 49

Unpublished Records
Subject to Revision

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

| DATE | TOTAL DDD (UG/L) (39360) | DDD IN BOTTOM MATERIAL (UG/KG) (39363) | TOTAL DDE (UG/L) (39365) | DDE IN BOTTOM MATERIAL (UG/KG) (39368) | TOTAL DDT (UG/L) (39370) | DDT IN BOTTOM MATERIAL (UG/KG) (39373) | TOTAL DIELDRIN (UG/L) (39380) | DIELDRIN IN BOTTOM MATERIAL (UG/KG) (39383) | TOTAL ENDRIN (UG/L) (39390) | ENDRIN IN BOTTOM MATERIAL (UG/KG) (39393) | TOTAL TOXAPHENE (UG/L) (39400) | TOXAPHENE IN BOTTOM MATERIAL (UG/KG) (39403) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OCT. | | | | | | | | | | | | |
| 07... | .00 | -- | .00 | -- | .00 | -- | .00 | -- | .00 | -- | 0 | -- |
| 21... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DEC. | | | | | | | | | | | | |
| 02... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| APR. | | | | | | | | | | | | |
| 19... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 20... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 20... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 29... | .00 | .0 | .00 | .0 | .00 | .0 | .00 | .0 | .00 | .0 | 0 | 0 |
| MAY | | | | | | | | | | | | |
| 15... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| JULY | | | | | | | | | | | | |
| 24... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

Unpublished Records
Subject to Revision

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 08/25/76
09306400 - WHITE RIVER ABV HELLS HOLE CANYON NR WATSON UT DISTRICT CODE 49

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

| DATE | TOTAL HEPTA-CHLOR (UG/L) (39410) | HEPTA-CHLOR IN BOTTOM MA-TERIAL (UG/KG) (39413) | TOTAL HEPTA-CHLOR EPOXIDE (UG/L) (39420) | HEPTA-CHLOR EPOXIDE IN BOT-TOM MA-TERIAL (UG/KG) (39423) | TOTAL PCB (UG/L) (39516) | PCB IN BOTTOM MA-TERIAL (UG/KG) (39519) | TOTAL 2,4-D (UG/L) (39730) | 2,4-D IN BOTTOM MA-TERIAL (UG/KG) (39731) | TOTAL 2,4,5-T (UG/L) (39740) | 2,4,5-T IN BOTTOM MA-TERIAL (UG/KG) (39741) | TOTAL SILVEX (UG/L) (39760) | SILVEX IN BOTTOM MA-TERIAL (UG/KG) (39761) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OCT. | | | | | | | | | | | | |
| 07... | .00 | -- | .00 | -- | .0 | -- | .00 | -- | .00 | -- | .00 | -- |
| 21... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DEC. | | | | | | | | | | | | |
| 02... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| APR. | | | | | | | | | | | | |
| 19... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 20... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 20... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 20... | .00 | .0 | .00 | .0 | .0 | 0 | .00 | 0 | .00 | 0 | .00 | 0 |
| MAY | | | | | | | | | | | | |
| 15... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| JULY | | | | | | | | | | | | |
| 24... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 08/25/76
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Unpublished Records
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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

| DATE | DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300) | DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301) | DIS-SOLVED SOLIDS (TONS PER DAY) (70302) | DIS-SOLVED SOLIDS (TONS PER AC-FT) (70303) | DIS-SOLVED AMMONIA (NH4) (MG/L) (71846) | DIS-SOLVED NITRATE (NO3) (MG/L) (71851) | DIS-SOLVED NITRITE (NO2) (MG/L) (71856) | BROMIDE (BR) (MG/L) (71870) | DIS-SOLVED MERCURY (HG) (UG/L) (71890) | DIS-SOLVED GROSS ALPHA AS U-NAT. (UG/L) (80030) | DIS-SOLVED GROSS BETA AS SR90 /Y90 (PC/L) (80050) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| OCT. | | | | | | | | | | | |
| 07... | 449 | 424 | 502 | .61 | .00 | .27 | .00 | .1 | .0 | 8.5 | <1.1 |
| 21... | 454 | 428 | 527 | .62 | .00 | .00 | .00 | .0 | -- | -- | -- |
| DEC. | | | | | | | | | | | |
| 02... | 510 | 502 | 403 | .69 | .09 | .71 | .07 | .1 | .0 | <5.8 | 2.9 |
| APR. | | | | | | | | | | | |
| 14... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 20... | 525 | 502 | 797 | .71 | .04 | .31 | .00 | .1 | .0 | -- | -- |
| 20... | -- | -- | -- | -- | -- | -- | -- | -- | -- | 9.9 | 7.0 |
| 20... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MAY | | | | | | | | | | | |
| 16... | 265 | 244 | -- | .36 | .01 | 1.2 | .03 | -- | -- | -- | -- |
| JULY | | | | | | | | | | | |
| 24... | -- | -- | -- | -- | -- | -- | -- | -- | -- | <4.8 | 3.2 |

Provisional Records
Subject to Revision

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306415 - EVACUATION CR BL# PARK CAN NR WATSON UT

PROCESS DATE 08/25/76
DISTRICT CODE 49

S-7

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

| DATE | TYPE | TEMPERATURE (DEG C) (00010) | AIR TEMPERATURE (DEG C) (00020) | INSTANTANEOUS DISCHARGE (CFS) (00061) | TURBIDITY (JTU) (00070) | COLOR (PLATINUM-COBALT UNITS) (00080) | SPECIFIC CONDUCTANCE (MICROMHOS) (00095) | DISSOLVED OXYGEN (MG/L) (00300) | CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340) | PH (UNITS) (00400) | CARBON DIOXIDE (CO2) (MG/L) (00405) | ALKALINITY AS CACO3 (MG/L) (00410) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OCT. | | | | | | | | | | | | |
| 08... | 2 | 18.0 | -- | .03 | 4 | 6 | 5600 | 8.1 | 28 | 8.3 | 3.9 | 399 |
| 20... | 2 | 2.3 | -- | .01 | 2 | -- | 4240 | -- | 18 | 7.1 | 63 | 404 |
| NOV. | | | | | | | | | | | | |
| 05... | 2 | 15.0 | 16.5 | .20 | 1 | 7 | 4300 | 8.8 | 12 | 7.7 | 15 | 382 |
| DEC. | | | | | | | | | | | | |
| 03... | 2 | .0 | -- | .82 | 2 | 5 | 4400 | 10.1 | 19 | 7.6 | 21 | 425 |

Unpublished Records
Subject to Revision

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306415 - EVACUATION CR BLW PARK CAN NR WATSON UT

PROCESSED DATE 08/25/76
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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

| DATE | BICARBONATE (HCO3) (MG/L) (00440) | CARBONATE (CO3) (MG/L) (00445) | TOTAL FILTRABLE RESIDUE (MG/L) (00515) | OIL AND GREASE (MG/L) (00550) | DISSOLVED AMMONIA NITROGEN (N) (MG/L) (00608) | DISSOLVED NITRITE (N) (MG/L) (00613) | DISSOLVED NITRATE (N) (MG/L) (00618) | TOTAL KJELDAHL NITROGEN (N) (MG/L) (00625) | DISSOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631) | DISSOLVED ORTHO PHOSPHATE (PO4) (MG/L) (00660) | TOTAL PHOSPHORUS (P) (MG/L) (00665) | DISSOLVED ORTHO. PHOSPHORUS (P) (MG/L) (00671) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OCT. | | | | | | | | | | | | |
| 08... | 487 | 0 | 4500 | 1 | .00 | .04 | 5.0 | 1.2 | 5.0 | .00 | .00 | .00 |
| 20... | 492 | 0 | -- | 0 | .00 | .03 | 8.4 | .57 | 8.4 | .00 | .01 | .00 |
| NOV. | | | | | | | | | | | | |
| 05... | 466 | 0 | 3500 | 0 | .04 | .01 | 3.3 | .76 | 3.3 | .03 | .00 | .01 |
| DEC. | | | | | | | | | | | | |
| 03... | 510 | 0 | 4100 | 0 | .00 | .02 | 7.7 | 1.4 | 7.7 | .06 | .00 | .02 |

Unpublished Records
Subject to Revision

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PROCESS DATE 08/25/76
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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

| DATE | TOTAL ORGANIC CARBON (C) (MG/L) (00680) | CYANIDE (CN) (MG/L) (00720) | DIS-SOL-VED SUL-FIDE (S) (MG/L) (00746) | HARD-NESS (CA,MG) (MG/L) (00900) | NON-CAR-BONATE HARD-NESS (MG/L) (00902) | DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915) | DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925) | DIS-SOLVED SODIUM (NA) (MG/L) (00930) | SODIUM AD-SORP-TION RATIO (00931) | PERCENT SODIUM (00932) | DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935) | DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OCT. | | | | | | | | | | | | |
| 08... | 31 | .01 | .5 | 1300 | 860 | 180 | 200 | 760 | 9.3 | 56 | 6.9 | 41 |
| 20... | -- | -- | .3 | 1200 | 750 | 180 | 170 | 660 | 8.5 | 55 | 4.9 | 38 |
| NOV. | | | | | | | | | | | | |
| 05... | -- | .00 | .0 | 1100 | 700 | 170 | 160 | 710 | 9.4 | 59 | 6.3 | 38 |
| DEC. | | | | | | | | | | | | |
| 03... | -- | .00 | .0 | 1100 | 660 | 170 | 160 | 700 | 9.3 | 58 | 5.5 | 36 |

Unpublished Records
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UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
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PROCESSING DATE 08/25/76
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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

| DATE | DIS-SOLVED SULFATE (SO4) (MG/L) (00945) | DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950) | DIS-SOLVED SILICA (SIO2) (MG/L) (00955) | DIS-SOLVED ARSENIC (AS) (UG/L) (01000) | DIS-SOLVED BARIUM (BA) (UG/L) (01005) | DIS-SOLVED BERYL-LIUM (BE) (UG/L) (01010) | DIS-SOLVED BORON (B) (UG/L) (01020) | DIS-SOLVED CAD-MIUM (CD) (UG/L) (01025) | DIS-SOLVED CHRO-MIUM (CR) (UG/L) (01030) | DIS-SOLVED COBALT (CO) (UG/L) (01035) | DIS-SOLVED COPPER (CU) (UG/L) (01040) | DIS-SOLVED IRON (FE) (UG/L) (01046) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OCT. | | | | | | | | | | | | |
| 04... | 2400 | .9 | 12 | 2 | <100 | 10 | 1200 | 0 | 10 | 1 | 2 | 80 |
| 20... | 2000 | 1.0 | 11 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| NOV. | | | | | | | | | | | | |
| 05... | 2200 | .8 | 10 | 1 | 0 | -- | 560 | 0 | 2 | 1 | 3 | 40 |
| DEC. | | | | | | | | | | | | |
| 03... | 2000 | 1.1 | 13 | 0 | 0 | -- | 1600 | 0 | <10 | 1 | 7 | 20 |

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

| DATE | DIS-SOLVED LEAD (PB) (UG/L) (01049) | DIS-SOLVED MAN-GANESE (MN) (UG/L) (01055) | DIS-SOLVED MOLYB-DENUM (MO) (UG/L) (01060) | DIS-SOLVED NICKEL (NI) (UG/L) (01065) | DIS-SOLVED SILVER (AG) (UG/L) (01075) | DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080) | DIS-SOLVED VANA-DIUM (V) (UG/L) (01085) | DIS-SOLVED ZINC (ZN) (UG/L) (01090) | DIS-SOLVED ALUM-INUM (AL) (UG/L) (01106) | DIS-SOLVED LITHIUM (LI) (UG/L) (01130) | DIS-SOLVED SELE-NIUM (SE) (UG/L) (01145) | DIS-SOLVED GROSS BETA AS CS-137 (PC/L) (03515) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OCT. | | | | | | | | | | | | |
| 08... | 0 | 30 | 43 | 3 | 0 | 4000 | .9 | 10 | 20 | 130 | 4 | 17 |
| 20... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| NOV. | | | | | | | | | | | | |
| 05... | 0 | 20 | 29 | 5 | -- | -- | 2.0 | 30 | 10 | 80 | 2 | <11 |
| DEC. | | | | | | | | | | | | |
| 03... | 1 | 20 | 44 | 3 | -- | -- | 1.2 | 20 | 20 | 100 | 14 | 15 |

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UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

| DATE | CHLORO-PHYLL A (UG/L) (32210) | CHLORO-PHYLL B (UG/L) (32231) | PHENOLS (UG/L) (32730) | METHY-LENE BLUE ACTIVE SUB-STANCE (MG/L) (38260) | TOTAL ALDRIN (UG/L) (39330) | TOTAL LINDANE (UG/L) (39340) | TOTAL CHLOR-DANE (UG/L) (39350) | TOTAL DDD (UG/L) (39360) | TOTAL DDE (UG/L) (39365) | TOTAL DDT (UG/L) (39370) | TOTAL DI-ELDRIN (UG/L) (39380) | TOTAL ENDRIN (UG/L) (39390) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OCT. | | | | | | | | | | | | |
| 08... | 3.60 | .200 | 1 | .0 | .00 | .00 | .0 | .00 | .00 | .00 | .00 | .00 |
| 20... | -- | -- | 3 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| NOV. | | | | | | | | | | | | |
| 05... | .600 | .900 | 1 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DEC. | | | | | | | | | | | | |
| 03... | -- | -- | 2 | -- | -- | -- | -- | -- | -- | -- | -- | -- |

Unpublished Records
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UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

| DATE | TOTAL TOX-APHENE (UG/L) (39400) | TOTAL HEPTA-CHLOR (UG/L) (39410) | TOTAL HEPTA-CHLOR EPOXIDE (UG/L) (39420) | TOTAL PCB (UG/L) (39516) | TOTAL 2,4-D (UG/L) (39730) | TOTAL 2,4,5-T (UG/L) (39740) | TOTAL SILVEX (UG/L) (39760) | DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300) | DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301) | DIS-SOLVED SOLIDS (TONS PER DAY) (70302) | DIS-SOLVED SOLIDS (TONS PER AC-FT) (70303) | DIS-SOLVED AMMONIA (NH4) (MG/L) (71846) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OCT. | | | | | | | | | | | | |
| 08... | 0 | .00 | .00 | .0 | .00 | .00 | .00 | 4220 | 3870 | .42 | 5.74 | .00 |
| 20... | -- | -- | -- | -- | -- | -- | -- | 3650 | 3350 | .10 | 4.96 | .00 |
| NOV. | | | | | | | | | | | | |
| 05... | -- | -- | -- | -- | -- | -- | -- | 3770 | 3540 | 2.04 | 5.13 | .05 |
| DEC. | | | | | | | | | | | | |
| 03... | -- | -- | -- | -- | -- | -- | -- | 3630 | 3380 | 8.04 | 4.94 | .00 |

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UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

| DATE | DIS-SOLVED NITRATE (NO3) (MG/L) (71851) | DIS-SOLVED NITRITE (NO2) (MG/L) (71856) | BROMIDE (BR) (MG/L) (71870) | DIS-SOLVED MERCURY (HG) (UG/L) (71890) | DIS-SOLVED GROSS ALPHA AS U-NAT. (UG/L) (80030) | DIS-SOLVED GROSS BETA AS SR90 /Y90 (PC/L) (80050) |
|---|---|---|---|---|---|---|
| OCT. | | | | | | |
| 08... | 22 | .13 | .3 | .0 | <51 | 15 |
| 20... | 37 | .10 | .2 | -- | -- | -- |
| NOV. | | | | | | |
| 05... | 15 | .03 | .3 | .0 | <38 | <9.1 |
| DEC. | | | | | | |
| 03... | 34 | .07 | .3 | .0 | <46 | 13 |

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

| DATE | TYPE | TEMPERATURE (DEG C) (00010) | AIR TEMPERATURE (DEG C) (00020) | INSTANTANEOUS DISCHARGE (CFS) (00061) | TURBIDITY (JTU) (00070) | COLOR (PLATINUM-COBALT UNITS) (00080) | SPECIFIC CONDUCTANCE (MICROMHOS) (00095) | DISSOLVED OXYGEN (MG/L) (00300) | CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340) | PH (UNITS) (00400) | CARBON DIOXIDE (CO2) (MG/L) (00405) | ALKALINITY AS CACO3 (MG/L) (00410) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OCT. | | | | | | | | | | | | |
| 09... | 2 | 15.0 | -- | .01 | 2 | 10 | 5600 | 6.2 | 56 | 8.0 | 9.2 | 470 |
| 20... | 2 | 5.9 | -- | .00 | 2 | -- | 5320 | -- | 34 | -- | -- | 386 |
| NOV. | | | | | | | | | | | | |
| 05... | 2 | 9.0 | 6.0 | .05 | 5 | 16 | 5000 | 7.3 | 40 | 7.5 | 27 | 436 |
| DEC. | | | | | | | | | | | | |
| 04... | 2 | 3.0 | -- | .08 | 40 | 60 | 5200 | 9.0 | 39 | 7.5 | 28 | 453 |
| JAN. | | | | | | | | | | | | |
| 06... | 2 | 2.0 | -2.0 | .03 | 5 | 15 | 5000 | 7.9 | 35 | 7.8 | 15 | 487 |
| FEB. | | | | | | | | | | | | |
| 24... | 2 | .5 | -- | .60 | 80 | -- | 4970 | -- | 48 | 7.2 | 54 | 441 |
| MAR. | | | | | | | | | | | | |
| 31... | 2 | 4.0 | -- | .80 | -- | -- | 4400 | 10.3 | -- | 8.3 | 4.3 | 442 |
| 31... | 2 | 4.0 | -- | .80 | -- | -- | 4400 | 10.3 | -- | 8.3 | -- | -- |
| APR. | | | | | | | | | | | | |
| 21... | 2 | 9.9 | -- | 3.4 | 620 | 10 | 4300 | 5.7 | 57 | 8.8 | 1.2 | 400 |
| 21... | 2 | 9.9 | -- | 3.4 | -- | -- | 4300 | 5.7 | -- | 8.8 | -- | -- |
| MAY | | | | | | | | | | | | |
| 15... | 2 | 6.1 | -- | -- | 550 | 10 | 4200 | -- | -- | 7.9 | 9.1 | 372 |
| JUNE | | | | | | | | | | | | |
| 13... | 2 | 15.9 | -- | -- | 3 | 10 | 5200 | -- | -- | 7.9 | 11 | 468 |
| JULY | | | | | | | | | | | | |
| 24... | 2 | 12.0 | -- | -- | -- | -- | 5900 | -- | -- | 8.2 | -- | -- |

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

| DATE | BICAR-BONATE (HCO3) (MG/L) (00440) | CAR-BONATE (CO3) (MG/L) (00445) | TOTAL FILT-RABLE RESIDUE (MG/L) (00515) | OIL AND GREASE (MG/L) (00550) | DIS-SOLVED AMMONIA NITRO-GEN (N) (MG/L) (00608) | DIS-SOLVED NITRITE (N) (MG/L) (00613) | DIS-SOLVED NITRATE (N) (MG/L) (00618) | TOTAL KJEL-DAHL NITRO-GEN (N) (MG/L) (00625) | DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631) | DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L) (00660) | TOTAL PHOS-PHORUS (P) (MG/L) (00665) | DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L) (00671) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OCT. | | | | | | | | | | | | |
| 09... | 573 | 0 | 5100 | 0 | .00 | .00 | .00 | 1.0 | .00 | .03 | .00 | .01 |
| 20... | 470 | 0 | -- | 0 | .00 | .01 | .02 | 1.0 | .03 | .00 | .02 | .00 |
| NOV. | | | | | | | | | | | | |
| 05... | 532 | 0 | 4100 | 0 | .03 | .01 | .64 | 1.2 | .65 | .00 | .01 | .00 |
| DEC. | | | | | | | | | | | | |
| 04... | 552 | 0 | 4800 | 0 | .00 | .02 | .73 | 1.3 | .75 | .03 | .01 | .01 |
| JAN. | | | | | | | | | | | | |
| 05... | 594 | 0 | 4900 | 0 | .04 | .00 | .01 | 1.6 | .01 | .06 | .01 | .02 |
| FEB. | | | | | | | | | | | | |
| 24... | 538 | 0 | -- | 0 | -- | -- | -- | 1.2 | 1.2 | .03 | .10 | .01 |
| MAR. | | | | | | | | | | | | |
| 31... | 539 | 0 | -- | 0 | .01 | .01 | .99 | 1.4 | 1.0 | .03 | .39 | .01 |
| 31... | -- | -- | 4000 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| APR. | | | | | | | | | | | | |
| 21... | 458 | 0 | -- | 0 | .03 | .01 | .94 | 2.3 | .95 | .00 | .95 | .00 |
| 21... | -- | -- | 3400 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MAY | | | | | | | | | | | | |
| 15... | 454 | 0 | -- | -- | .01 | .01 | .84 | .83 | .85 | .00 | .29 | .00 |
| JUNE | | | | | | | | | | | | |
| 13... | 570 | 0 | -- | -- | .02 | .01 | .02 | .76 | .03 | .00 | .03 | .00 |
| JULY | | | | | | | | | | | | |
| 24... | -- | -- | 4700 | -- | -- | -- | -- | -- | -- | -- | -- | -- |

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

| DATE | TOTAL ORGANIC CARBON (C) (MG/L) (00680) | DIS-SOL-VED ORGANIC CARBON (C) (MG/L) (00681) | TOTAL IN-ORGANIC CARBON (C) (MG/L) (00685) | SUS-PENDED ORGANIC CARBON (C) (MG/L) (00689) | CYANIDE (CN) (MG/L) (00720) | DIS-SOL-VED SUL-FIDE (S) (MG/L) (00746) | HARD-NESS (CA,MG) (MG/L) (00900) | NON-CAR-BONATE HARD-NESS (MG/L) (00902) | DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915) | DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925) | DIS-SOLVED SODIUM (NA) (MG/L) (00930) | SODIUM AD-SORP-TION RATIO (00931) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OCT. | | | | | | | | | | | | |
| 09... | 17 | -- | -- | -- | .00 | .2 | 1200 | 750 | 190 | 180 | 960 | 12 |
| 20... | -- | -- | -- | -- | -- | .1 | 1300 | 920 | 210 | 190 | 950 | 11 |
| NOV. | | | | | | | | | | | | |
| 05... | -- | -- | -- | -- | .00 | .0 | 1200 | 800 | 180 | 190 | 930 | 12 |
| DEC. | | | | | | | | | | | | |
| 04... | -- | -- | -- | -- | .00 | .0 | 1100 | 690 | 160 | 180 | 910 | 12 |
| JAN. | | | | | | | | | | | | |
| 08... | 16 | -- | 123 | -- | .00 | .0 | 1400 | 870 | 210 | 200 | 980 | 12 |
| FEB. | | | | | | | | | | | | |
| 24... | -- | -- | -- | -- | -- | .3 | 1200 | 750 | 180 | 180 | 810 | 10 |
| MAR. | | | | | | | | | | | | |
| 31... | 12 | 11 | -- | -- | .00 | .0 | 1100 | 700 | 160 | 180 | 780 | 10 |
| 31... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| APR. | | | | | | | | | | | | |
| 21... | -- | 8.4 | -- | .3 | .00 | .0 | 950 | 550 | 130 | 150 | 660 | 9.4 |
| 21... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MAY | | | | | | | | | | | | |
| 16... | -- | 8.8 | -- | -- | .00 | -- | 1000 | 630 | 120 | 170 | 700 | 9.6 |
| JUNE | | | | | | | | | | | | |
| 13... | -- | 17 | -- | -- | .00 | -- | 1400 | 920 | 210 | 210 | 920 | 11 |
| JULY | | | | | | | | | | | | |
| 24... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

| DATE | PERCENT SODIUM (00932) | DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935) | DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940) | DIS-SOLVED SULFATE (SO4) (MG/L) (00945) | DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950) | DIS-SOLVED SILICA (SIO2) (MG/L) (00955) | DIS-SOLVED ARSENIC (AS) (UG/L) (01000) | DIS-SOLVED BARIUM (BA) (UG/L) (01005) | DIS-SOLVED BERYL-LIUM (BE) (UG/L) (01010) | DIS-SOLVED BISMUTH (BI) (UG/L) (01015) | DIS-SOLVED BORON (B) (UG/L) (01020) | DIS-SOLVED CAD-MIUM (CD) (UG/L) (01025) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OCT. | | | | | | | | | | | | |
| 09... | 63 | 9.0 | 58 | 2700 | .9 | 10 | 2 | <100 | 10 | -- | 2300 | 0 |
| 20... | 61 | 9.1 | 59 | 2900 | 1.0 | 10 | -- | -- | -- | -- | -- | -- |
| NOV. | | | | | | | | | | | | |
| 05... | 62 | 9.2 | 56 | 2700 | 1.0 | 9.6 | 3 | 0 | -- | -- | 2600 | 1 |
| DEC. | | | | | | | | | | | | |
| 04... | 63 | 8.2 | 54 | 2400 | .9 | 9.5 | 4 | 0 | -- | -- | 2000 | 0 |
| JAN. | | | | | | | | | | | | |
| 06... | 61 | 8.6 | 75 | 2800 | .8 | 9.3 | 0 | 30 | 10 | <80 | 2000 | 0 |
| FEB. | | | | | | | | | | | | |
| 24... | 60 | 7.8 | 51 | 2400 | .9 | 8.6 | -- | -- | -- | -- | -- | -- |
| MAR. | | | | | | | | | | | | |
| 31... | 60 | 6.8 | 77 | 2200 | .9 | 10 | 1 | 0 | 10 | -- | 1100 | 0 |
| 31... | -- | -- | -- | -- | -- | -- | -- | 40 | <10 | <100 | 780 | 0 |
| APR. | | | | | | | | | | | | |
| 21... | 60 | 4.6 | 3.4 | 1900 | .6 | 10 | 1 | 0 | 0 | -- | 620 | 0 |
| 21... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MAY | | | | | | | | | | | | |
| 19... | 60 | 6.6 | 28 | 2100 | .9 | 12 | 1 | -- | -- | -- | 520 | -- |
| JUNE | | | | | | | | | | | | |
| 14... | 59 | 8.0 | 58 | 2700 | 2.3 | 12 | 1 | -- | -- | -- | 1200 | -- |
| JULY | | | | | | | | | | | | |
| 24... | -- | 11 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

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| DATE | DIS-SOLVED COBALT-60 (CO) (UG/L) (01030) | DIS-SOLVED COBALT (CO) (UG/L) (01035) | DIS-SOLVED COPPER (CU) (UG/L) (01040) | DIS-SOLVED IRON (FE) (UG/L) (01046) | DIS-SOLVED LEAD (PB) (UG/L) (01049) | DIS-SOLVED MANGANESE (MN) (UG/L) (01056) | DIS-SOLVED MOLYBDENUM (MO) (UG/L) (01060) | DIS-SOLVED NICKEL (NI) (UG/L) (01065) | DIS-SOLVED SILVER (AG) (UG/L) (01075) | DIS-SOLVED STRONTIUM (SR) (UG/L) (01080) | DIS-SOLVED VANADIUM (V) (UG/L) (01085) | DIS-SOLVED ZINC (ZN) (UG/L) (01090) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OCT. | | | | | | | | | | | | |
| 09... | 10 | 1 | 5 | 0 | 0 | 230 | 42 | 5 | 0 | 4200 | .4 | 10 |
| 20... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| NOV. | | | | | | | | | | | | |
| 05... | 4 | 1 | 8 | 50 | 2 | 170 | 35 | 10 | -- | -- | 2.9 | 50 |
| DEC. | | | | | | | | | | | | |
| 04... | <10 | 1 | 6 | 30 | 0 | 170 | 33 | 5 | -- | -- | 1.3 | 10 |
| JAN. | | | | | | | | | | | | |
| 06... | 0 | 0 | 20 | 10 | 0 | 410 | 29 | 3 | 0 | 4000 | 1.3 | 0 |
| FEB. | | | | | | | | | | | | |
| 24... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MAR. | | | | | | | | | | | | |
| 31... | 0 | -- | 5 | 70 | 1 | 30 | 29 | 4 | -- | 3700 | 1.2 | 10 |
| 31... | <65 | <65 | <14 | 90 | <65 | <70 | 90 | <65 | <7 | 5000 | <65 | 10 |
| APR. | | | | | | | | | | | | |
| 21... | 10 | -- | 6 | 40 | 0 | 10 | 18 | 2 | -- | 3100 | .8 | 0 |
| 21... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MAY | | | | | | | | | | | | |
| 18... | -- | -- | -- | 10 | -- | 8 | -- | -- | -- | 3500 | -- | -- |
| JUNE | | | | | | | | | | | | |
| 13... | -- | -- | -- | 30 | -- | 160 | -- | -- | -- | 2700 | -- | -- |
| JULY | | | | | | | | | | | | |
| 24... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

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| DATE | DIS-SOLVED TIN (SN) (UG/L) (01100) | DIS-SOLVED ALUM-INUM (AL) (UG/L) (01105) | DIS-SOLVED GALLIUM (GA) (UG/L) (01120) | DIS-SOLVED GER-MANIUM (GE) (UG/L) (01125) | DIS-SOLVED LITHIUM (LI) (UG/L) (01130) | DIS-SOLVED SELE-NIUM (SE) (UG/L) (01145) | DIS-SOLVED TI-TANIUM (TI) (UG/L) (01150) | DIS-SOLVED ZIR-CONIUM (ZR) (UG/L) (01160) | DIS-SOLVED GROSS BETA AS CS-137 (PC/L) (03515) | CHLORO-PHYLL A (UG/L) (32230) | CHLORO-PHYLL B (UG/L) (32231) | PHENOLS (UG/L) (32730) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OCT. | | | | | | | | | | | | |
| 09... | -- | 10 | -- | -- | 140 | 0 | -- | -- | 28 | 6.80 | 3.20 | 1 |
| 20... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 4 |
| NOV. | | | | | | | | | | | | |
| 03... | -- | 20 | -- | -- | 120 | 1 | -- | -- | 25 | -- | -- | 4 |
| DEC. | | | | | | | | | | | | |
| 04... | -- | 30 | -- | -- | 90 | 1 | -- | -- | 120 | 1.50 | 1.10 | 2 |
| JAN. | | | | | | | | | | | | |
| 08... | <60 | 10 | <40 | <170 | 100 | 0 | <50 | <170 | 31 | .400 | .200 | 4 |
| FEB. | | | | | | | | | | | | |
| 24... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 3 |
| MAR. | | | | | | | | | | | | |
| 31... | -- | 60 | -- | -- | 80 | 2 | -- | -- | -- | -- | -- | 4 |
| 31... | <100 | 150 | <30 | <70 | 80 | -- | <20 | <140 | 18 | -- | -- | -- |
| APR. | | | | | | | | | | | | |
| 21... | -- | 50 | -- | -- | 60 | 2 | -- | -- | -- | -- | -- | 3 |
| 21... | -- | -- | -- | -- | -- | -- | -- | -- | 11 | -- | -- | -- |
| MAY | | | | | | | | | | | | |
| 16... | -- | 10 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 4 |
| JUNE | | | | | | | | | | | | |
| 13... | -- | 0 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 2 |
| JULY | | | | | | | | | | | | |
| 24... | -- | -- | -- | -- | -- | -- | -- | -- | 32 | -- | -- | -- |

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| DATE | METHYLENE BLUE ACTIVE SUBSTANCE (MG/L) (38260) | POLYCHLORINATED NAPHTHALENES (UG/L) (39250) | TOTAL ALDRIN (UG/L) (39330) | ALDRIN IN BOTTOM MATERIAL (UG/KG) (39333) | TOTAL LINDANE (UG/L) (39340) | LINDANE IN BOTTOM MATERIAL (UG/KG) (39343) | TOTAL CHLORDANE (UG/L) (39350) | CHLORDANE IN BOTTOM MATERIAL (UG/KG) (39351) | TOTAL DDD (UG/L) (39360) | DDD IN BOTTOM MATERIAL (UG/KG) (39363) | TOTAL DDE (UG/L) (39365) | DDE IN BOTTOM MATERIAL (UG/KG) (39368) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OCT. | | | | | | | | | | | | |
| 09... | .4 | -- | .00 | -- | .00 | -- | .0 | -- | .00 | -- | .00 | -- |
| 20... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| NOV. | | | | | | | | | | | | |
| 05... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DEC. | | | | | | | | | | | | |
| 04... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| JAN. | | | | | | | | | | | | |
| 06... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| FEB. | | | | | | | | | | | | |
| 24... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MAR. | | | | | | | | | | | | |
| 31... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 31... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| APR. | | | | | | | | | | | | |
| 21... | .0 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 21... | -- | .00 | .00 | .0 | .00 | .0 | .0 | 0 | .00 | .0 | .00 | .0 |
| MAY | | | | | | | | | | | | |
| 10... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| JUNE | | | | | | | | | | | | |
| 13... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| JULY | | | | | | | | | | | | |
| 2[illegible]... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

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| DATE | TOTAL DDT (UG/L) (39370) | DDT IN BOTTOM MATERIAL (UG/KG) (39373) | TOTAL DIELDRIN (UG/L) (39380) | DIELDRIN IN BOTTOM MATERIAL (UG/KG) (39383) | TOTAL ENDRIN (UG/L) (39390) | ENDRIN IN BOTTOM MATERIAL (UG/KG) (39393) | TOTAL TOXAPHENE (UG/L) (39400) | TOXAPHENE IN BOTTOM MATERIAL (UG/KG) (39403) | TOTAL HEPTACHLOR (UG/L) (39410) | HEPTACHLOR IN BOTTOM MATERIAL (UG/KG) (39413) | TOTAL HEPTACHLOR EPOXIDE (UG/L) (39420) | HEPTACHLOR EPOXIDE IN BOTTOM MATERIAL (UG/KG) (39423) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OCT. | | | | | | | | | | | | |
| 09... | .00 | -- | .00 | -- | .00 | -- | 0 | -- | .00 | -- | .00 | -- |
| 20... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| NOV. | | | | | | | | | | | | |
| 05... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DEC. | | | | | | | | | | | | |
| 04... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| JAN. | | | | | | | | | | | | |
| 05... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| FEB. | | | | | | | | | | | | |
| 24... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MAR. | | | | | | | | | | | | |
| 31... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 31... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| APR. | | | | | | | | | | | | |
| 21... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 21... | .00 | .0 | .00 | .0 | .00 | .0 | 0 | 0 | .00 | .0 | .00 | .0 |
| MAY | | | | | | | | | | | | |
| 16... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| JUNE | | | | | | | | | | | | |
| 13... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| JULY | | | | | | | | | | | | |
| 24... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

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Subject to Revision

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

| DATE | TOTAL PCB (UG/L) (39516) | PCB IN BOTTOM MATERIAL (UG/KG) (39519) | TOTAL 2,4-D (UG/L) (39730) | 2,4-D IN BOTTOM MATERIAL (UG/KG) (39731) | TOTAL 2,4,5-T (UG/L) (39740) | 2,4,5-T IN BOTTOM MATERIAL (UG/KG) (39741) | TOTAL SILVEX (UG/L) (39760) | SILVEX IN BOTTOM MATERIAL (UG/KG) (39761) | DIS-SOLVED SOLIDS (RESIDUE AT 180 C) (MG/L) (70300) | DIS-SOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L) (70301) | DIS-SOLVED SOLIDS (TONS PER DAY) (70302) | DIS-SOLVED SOLIDS (TONS PER AC-FT) (70303) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OCT. | | | | | | | | | | | | |
| 09... | .0 | -- | .00 | -- | .00 | -- | .00 | -- | 4740 | 4420 | .13 | 6.45 |
| 20... | -- | -- | -- | -- | -- | -- | -- | -- | 4660 | 4560 | .06 | 6.34 |
| NOV. | | | | | | | | | | | | |
| 05... | -- | -- | -- | -- | -- | -- | -- | -- | 4410 | 4340 | .60 | 6.00 |
| DEC. | | | | | | | | | | | | |
| 04... | -- | -- | -- | -- | -- | -- | -- | -- | 4440 | 4000 | .98 | 6.04 |
| JAN. | | | | | | | | | | | | |
| 06... | -- | -- | -- | -- | -- | -- | -- | -- | 4740 | 4580 | .47 | 6.45 |
| FEB. | | | | | | | | | | | | |
| 24... | -- | -- | -- | -- | -- | -- | -- | -- | 4250 | 3910 | 6.89 | 5.78 |
| MAR. | | | | | | | | | | | | |
| 31... | -- | -- | -- | -- | -- | -- | -- | -- | 4060 | 3690 | 8.77 | 5.52 |
| 31... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| APR. | | | | | | | | | | | | |
| 21... | -- | -- | -- | -- | -- | -- | -- | -- | 3310 | 3110 | 30.4 | 4.50 |
| 21... | .0 | 0 | .00 | 0 | .00 | 0 | .00 | 0 | -- | -- | -- | -- |
| MAY | | | | | | | | | | | | |
| 16... | -- | -- | -- | -- | -- | -- | -- | -- | 3530 | 3370 | -- | 4.80 |
| JUNE | | | | | | | | | | | | |
| 13... | -- | -- | -- | -- | -- | -- | -- | -- | 4740 | 4410 | -- | 6.45 |
| JULY | | | | | | | | | | | | |
| 24... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

Unpublished Records
Subject to Revision

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306420 - EVACUATION CREEK AT WATSON UTAH

PROCESS DATE 08/25/76
DISTRICT CODE 49

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

| DATE | DIS-SOLVED AMMONIA (NH4) (MG/L) (71846) | DIS-SOLVED NITRATE (NO3) (MG/L) (71851) | DIS-SOLVED NITRITE (NO2) (MG/L) (71856) | BROMIDE (BR) (MG/L) (71870) | DIS-SOLVED MERCURY (HG) (UG/L) (71890) | DIS-SOLVED GROSS ALPHA AS U-NAT. (UG/L) (80030) | DIS-SOLVED GROSS BETA AS SR90 /Y90 (PC/L) (80050) |
|---|---|---|---|---|---|---|---|
| OCT. | | | | | | | |
| 09... | .00 | .00 | .03 | .4 | .0 | <57 | 24 |
| 20... | .00 | .09 | .03 | .3 | -- | -- | -- |
| NOV. | | | | | | | |
| 05... | .04 | 2.8 | .03 | .2 | .0 | <43 | 21 |
| DEC. | | | | | | | |
| 04... | .00 | 3.2 | .07 | .3 | .0 | 90 | 93 |
| JAN. | | | | | | | |
| 06... | .05 | .04 | .00 | .4 | .1 | <53 | 28 |
| FEB. | | | | | | | |
| 24... | -- | -- | -- | .4 | -- | -- | -- |
| MAR. | | | | | | | |
| 31... | .01 | 4.4 | .03 | .5 | .1 | -- | -- |
| 31... | -- | -- | -- | -- | -- | <49 | 14 |
| APR. | | | | | | | |
| 21... | .04 | 4.2 | .03 | .2 | .0 | -- | -- |
| 21... | -- | -- | -- | -- | -- | <38 | 9.0 |
| MAY | | | | | | | |
| 16... | .01 | 3.7 | .03 | -- | -- | -- | -- |
| JUNE | | | | | | | |
| 13... | .03 | .09 | .03 | -- | -- | -- | -- |
| JULY | | | | | | | |
| 24... | -- | -- | -- | -- | -- | <69 | 27 |

Unpublished Records
Subject to Revision

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306430 - EVACUATION CR NR MOUTH NR WATSON UT

PROCESS DATE 08/25/76
DISTRICT CODE 49

S-2

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

| DATE | TYPE | TEMPERATURE (DEG C) (00010) | AIR TEMPERATURE (DEG C) (00020) | INSTANTANEOUS DISCHARGE (CFS) (00061) | TURBIDITY (JTU) (00070) | COLOR (PLATINUM-COBALT UNITS) (00080) | SPECIFIC CONDUCTANCE (MICROMHOS) (00095) | DISSOLVED OXYGEN (MG/L) (00300) | CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340) | PH (UNITS) (00400) | CARBON DIOXIDE (CO2) (MG/L) (00405) | ALKALINITY AS CACO3 (MG/L) (00410) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OCT. | | | | | | | | | | | | |
| 07... | 2 | 17.5 | 21.5 | .03 | 4 | 7 | 5100 | 9.0 | 30 | 7.6 | 20 | 407 |
| 20... | 2 | 15.9 | -- | 15 | 3 | -- | 4530 | -- | 25 | 7.4 | 30 | 390 |
| NOV. | | | | | | | | | | | | |
| 05... | 2 | 15.5 | 11.0 | .01 | 1 | 12 | 4150 | 11.0 | 27 | 8.3 | 3.9 | 395 |
| 28... | 2 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DEC. | | | | | | | | | | | | |
| 03... | 2 | 3.0 | 2.5 | .05 | 3 | 6 | 4390 | 11.0 | 23 | 7.5 | 25 | 410 |
| JAN. | | | | | | | | | | | | |
| 05... | 2 | .5 | -- | .03 | 1 | 9 | 4600 | 6.4 | 20 | 7.7 | 17 | 435 |
| FEB. | | | | | | | | | | | | |
| 24... | 2 | 6.8 | -- | .30 | 10 | -- | 4230 | 10.0 | 24 | 8.5 | 2.5 | 401 |
| MAR. | | | | | | | | | | | | |
| 30... | 2 | 12.8 | -- | 1.1 | -- | -- | 3500 | 7.7 | -- | 8.3 | 4.1 | 418 |
| 30... | 2 | 12.8 | -- | 1.1 | -- | -- | 3500 | 7.7 | -- | 8.3 | -- | -- |
| APR. | | | | | | | | | | | | |
| 21... | 2 | 17.0 | -- | 1.7 | 1200 | 10 | ~~2530~~ 4522 | -- | 55 | 8.7 | 1.5 | 379 |
| 21... | 2 | 17.0 | -- | 1.7 | -- | -- | ~~2530~~ | -- | -- | 8.7 | -- | -- |
| 21... | 2 | 17.0 | -- | 1.7 | -- | -- | ~~2530~~ | -- | -- | 8.7 | -- | -- |
| 30... | 2 | 15.0 | -- | -- | -- | -- | 4300 | -- | -- | 7.5 | -- | -- |
| MAY | | | | | | | | | | | | |
| 17... | 2 | 8.8 | -- | -- | 70 | 10 | 4300 | -- | -- | 7.8 | 11 | 366 |
| JUNE | | | | | | | | | | | | |
| 12... | 2 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 387 |
| JULY | | | | | | | | | | | | |
| 20... | 2 | 27.1 | -- | -- | -- | -- | 2250 | -- | -- | 7.8 | -- | -- |

Unpublished Records
Subject to Revision

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306430 - EVACUATION CR NR MOUTH NR WATSON UT

PROCESS DATE 08/25/76
DISTRICT CODE 49

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

| DATE | BICARBONATE (HCO3) (MG/L) (00440) | CARBONATE (CO3) (MG/L) (00445) | TOTAL FILTRABLE RESIDUE (MG/L) (00515) | OIL AND GREASE (MG/L) (00550) | PERIPHYTON BIOMASS ASH WEIGHT G/SQ M (00572) | PERIPHYTON BIOMASS TOTAL DRY WEIGHT G/SQ M (00573) | DISSOLVED AMMONIA NITROGEN (N) (MG/L) (00608) | DISSOLVED NITRITE (N) (MG/L) (00613) | DISSOLVED NITRATE (N) (MG/L) (00618) | TOTAL KJELDAHL NITROGEN (N) (MG/L) (00625) | DISSOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631) | DISSOLVED ORTHO PHOSPHATE (PO4) (MG/L) (00660) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OCT. | | | | | | | | | | | | |
| 07... | 495 | 0 | 4200 | 0 | -- | -- | .00 | .03 | .07 | .75 | .10 | .00 |
| 20... | 475 | 0 | -- | 0 | -- | -- | .01 | .01 | .01 | .50 | .02 | .00 |
| NOV. | | | | | | | | | | | | |
| 05... | 481 | 0 | 3700 | 0 | -- | -- | .02 | .01 | .06 | .86 | .07 | .00 |
| 25... | -- | -- | -- | -- | 4.30 | 4.50 | -- | -- | -- | -- | -- | -- |
| DEC. | | | | | | | | | | | | |
| 03... | 500 | 0 | 3600 | 0 | -- | -- | .04 | .01 | .06 | .59 | .07 | .03 |
| JAN. | | | | | | | | | | | | |
| 08... | 530 | 0 | -- | 0 | -- | -- | .03 | .01 | .03 | .68 | .04 | .03 |
| FEB. | | | | | | | | | | | | |
| 24... | 489 | 0 | -- | 0 | -- | -- | .04 | .02 | 1.7 | 1.1 | 1.7 | .00 |
| MAR. | | | | | | | | | | | | |
| 30... | 510 | 0 | -- | 0 | -- | -- | .03 | .01 | 1.3 | 1.3 | 1.3 | .03 |
| 30... | -- | -- | 4100 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| APR. | | | | | | | | | | | | |
| 21... | 482 | 0 | -- | 0 | -- | -- | .03 | .01 | 1.1 | 2.3 | 1.1 | .00 |
| 21... | -- | -- | 3500 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 21... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 30... | -- | -- | -- | -- | 1.54 | 1.92 | -- | -- | -- | -- | -- | -- |
| MAY | | | | | | | | | | | | |
| 17... | 446 | 0 | -- | -- | -- | -- | .01 | .01 | .81 | .58 | .82 | .00 |
| JUNE | | | | | | | | | | | | |
| 12... | -- | -- | -- | -- | -- | -- | .03 | .00 | .89 | -- | -- | .00 |
| JULY | | | | | | | | | | | | |
| 20... | -- | -- | 2300 | -- | -- | -- | -- | -- | -- | -- | -- | -- |

Published Records
Subject to Revision

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306430 - EVACUATION CR NR MOUTH NR WATSON UT

PROCESS DATE 08/25/76
DISTRICT CODE 49

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

| DATE | TOTAL PHOS-PHORUS (P) (MG/L) (00665) | DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L) (00671) | TOTAL ORGANIC CARBON (C) (MG/L) (00680) | DIS-SOL-VED ORGANIC CARBON (C) (MG/L) (00681) | TOTAL IN-ORGANIC CARBON (C) (MG/L) (00685) | SUS-PENDED ORGANIC CARBON (C) (MG/L) (00689) | CYANIDE (CN) (MG/L) (00720) | DIS-SOL-VED SUL-FIDE (S) (MG/L) (00745) | HARD-NESS (CA,MG) (MG/L) (00900) | NON-CAR-BONATE HARD-NESS (MG/L) (00902) | DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915) | DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OCT. | | | | | | | | | | | | |
| 07... | .00 | .00 | 15 | -- | -- | -- | .00 | .2 | 1200 | 770 | 190 | 170 |
| 20... | .01 | .00 | -- | -- | -- | -- | -- | .0 | 1100 | 690 | 170 | 160 |
| NOV. | | | | | | | | | | | | |
| 03... | .00 | .00 | -- | -- | -- | -- | .00 | .0 | 1100 | 690 | 170 | 160 |
| 28... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DEC. | | | | | | | | | | | | |
| 03... | .00 | .01 | -- | -- | -- | -- | .00 | .0 | 1100 | 670 | 170 | 160 |
| JAN. | | | | | | | | | | | | |
| 05... | .00 | .01 | 12 | -- | 114 | -- | .00 | .2 | 1200 | 720 | 180 | 170 |
| FEB. | | | | | | | | | | | | |
| 24... | .03 | .00 | -- | -- | -- | -- | -- | 2.0 | 1000 | 640 | 170 | 150 |
| MAR. | | | | | | | | | | | | |
| 30... | .52 | .01 | 15 | 9.2 | -- | -- | .00 | .0 | 1100 | 710 | 170 | 170 |
| 30... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| APR. | | | | | | | | | | | | |
| 21... | 1.0 | .00 | -- | 6.2 | -- | .3 | .00 | 1.3 | 990 | 610 | 130 | 160 |
| 21... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 21... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 30... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MAY | | | | | | | | | | | | |
| 17... | .12 | .00 | -- | 11 | -- | -- | .00 | -- | 990 | 620 | 130 | 160 |
| JUNE | | | | | | | | | | | | |
| 12... | -- | -- | -- | -- | -- | -- | -- | -- | 1100 | 670 | -- | -- |
| JULY | | | | | | | | | | | | |
| 20... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

Published Records
Subject to Revision

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306430 - EVACUATION CR NR MOUTH NR WATSON UT

PROCESSED 08/25/76
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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

| DATE | DIS-SOLVED SODIUM (NA) (MG/L) (00930) | SODIUM AD-SORP-TION RATIO (00931) | PERCENT SODIUM (00932) | DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935) | DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940) | DIS-SOLVED SULFATE (SO4) (MG/L) (00945) | DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950) | DIS-SOLVED SILICA (SIO2) (MG/L) (00955) | DIS-SOLVED ARSENIC (AS) (UG/L) (01000) | DIS-SOLVED BARIUM (BA) (UG/L) (01005) | DIS-SOLVED BERYL-LIUM (BE) (UG/L) (01010) | DIS-SOLVED BISMUTH (BI) (UG/L) (01015) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OCT. | | | | | | | | | | | | |
| 07... | 740 | 9.4 | 58 | 8.7 | 51 | 2300 | .8 | 9.3 | 2 | <100 | 10 | -- |
| 20... | 750 | 10 | 60 | 8.1 | 51 | 2300 | .8 | 7.3 | -- | -- | -- | -- |
| NOV. | | | | | | | | | | | | |
| 05... | 780 | 10 | 61 | 8.9 | 52 | 2200 | .8 | 6.8 | 2 | 0 | -- | -- |
| 23... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DEC. | | | | | | | | | | | | |
| 03... | 740 | 9.8 | 60 | 7.4 | 49 | 2100 | .7 | 8.2 | 1 | 100 | -- | -- |
| JAN. | | | | | | | | | | | | |
| 08... | 730 | 9.4 | 58 | 7.7 | 57 | 2100 | .8 | 8.8 | 0 | 20 | 10 | <60 |
| FEB. | | | | | | | | | | | | |
| 24... | 680 | 9.2 | 58 | 8.2 | 45 | 2000 | .7 | 9.0 | -- | -- | -- | -- |
| MAR. | | | | | | | | | | | | |
| 30... | 730 | 9.5 | 58 | 8.4 | 75 | 2200 | .9 | 10 | 1 | 0 | 10 | -- |
| 30... | -- | -- | -- | -- | -- | -- | -- | -- | -- | 40 | <10 | <90 |
| APR. | | | | | | | | | | | | |
| 21... | 710 | 9.9 | 61 | 5.8 | 34 | 2100 | .6 | 10 | 1 | 0 | 0 | -- |
| 21... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 21... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 30... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MAY | | | | | | | | | | | | |
| 17... | 750 | 10 | 62 | 6.3 | 34 | 2200 | .9 | 12 | 1 | -- | -- | -- |
| JUNE | | | | | | | | | | | | |
| 12... | -- | 9.0 | 58 | -- | -- | -- | -- | -- | 0 | -- | -- | -- |
| JULY | | | | | | | | | | | | |
| 20... | -- | -- | -- | 10 | -- | -- | -- | -- | -- | -- | -- | -- |

Unpublished Records
Subject to Revision

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306430 - EVACUATION CR NR MOUTH NR WATSON UT

PROCESSING DATE 08/25/76
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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

| DATE | DIS-SOLVED BORON (B) (UG/L) (01020) | DIS-SOLVED CAD-MIUM (CD) (UG/L) (01025) | DIS-SOLVED CHRO-MIUM (CR) (UG/L) (01030) | DIS-SOLVED COBALT (CO) (UG/L) (01035) | DIS-SOLVED COPPER (CU) (UG/L) (01040) | DIS-SOLVED IRON (FE) (UG/L) (01046) | DIS-SOLVED LEAD (PB) (UG/L) (01049) | DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056) | DIS-SOLVED MOLYB-DENUM (MO) (UG/L) (01060) | DIS-SOLVED NICKEL (NI) (UG/L) (01065) | DIS-SOLVED SILVER (AG) (UG/L) (01075) | DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OCT. | | | | | | | | | | | | |
| 07... | 1800 | 0 | 10 | 1 | 4 | 0 | 0 | 90 | 53 | 4 | 0 | 4100 |
| 20... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| NOV. | | | | | | | | | | | | |
| 05... | 1900 | 0 | 0 | 1 | 2 | 30 | 2 | 80 | 49 | 8 | -- | -- |
| 24... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DEC. | | | | | | | | | | | | |
| 03... | 1800 | 0 | <10 | 1 | 2 | 20 | 1 | 130 | 43 | 6 | -- | -- |
| JAN. | | | | | | | | | | | | |
| 06... | 1900 | 0 | 0 | 1 | 5 | 20 | 0 | 110 | 39 | 4 | 0 | 3900 |
| FEB. | | | | | | | | | | | | |
| 24... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MAR. | | | | | | | | | | | | |
| 30... | 1300 | 0 | 0 | -- | 7 | 20 | 1 | 30 | 37 | 4 | -- | 3700 |
| 30... | 900 | 0 | <60 | <60 | <13 | 60 | <60 | <60 | 110 | <60 | <6 | 3800 |
| APR. | | | | | | | | | | | | |
| 21... | 1000 | 0 | 20 | -- | 3 | 30 | 2 | 10 | 26 | 3 | -- | 3400 |
| 21... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 21... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 30... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MAY | | | | | | | | | | | | |
| 17... | 10 | -- | -- | -- | -- | 10 | -- | 30 | -- | -- | -- | 3700 |
| JUNE | | | | | | | | | | | | |
| 12... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| JULY | | | | | | | | | | | | |
| 20... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

Unpublished Records
Subject to Revision

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306430 - EVACUATION CR NR MOUTH NR WATSON UT

PROCESS DATE 08/25/76
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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

| DATE | DIS-SOLVED VANA-DIUM (V) (UG/L) (01045) | DIS-SOLVED ZINC (ZN) (UG/L) (01090) | DIS-SOLVED TIN (SN) (UG/L) (01100) | DIS-SOLVED ALUM-INUM (AL) (UG/L) (01106) | DIS-SOLVED GALLIUM (GA) (UG/L) (01120) | DIS-SOLVED GER-MANIUM (GE) (UG/L) (01125) | DIS-SOLVED LITHIUM (LI) (UG/L) (01130) | DIS-SOLVED SELE-NIUM (SE) (UG/L) (01145) | DIS-SOLVED TI-TANIUM (TI) (UG/L) (01150) | DIS-SOLVED ZIR-CONIUM (ZR) (UG/L) (01160) | DIS-SOLVED GROSS BETA AS CS-137 (PC/L) (03515) | UNCOR-RECTED PERI-PHYTON CHLORO-PHYLL B MG/SQ M (32226) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OCT. | | | | | | | | | | | | |
| 07... | .7 | 10 | -- | 20 | -- | -- | 170 | 1 | -- | -- | 27 | -- |
| 20... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| NOV. | | | | | | | | | | | | |
| 05... | 2.6 | 20 | -- | 0 | -- | -- | 140 | 0 | -- | -- | 22 | -- |
| 23... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | .100 |
| DEC. | | | | | | | | | | | | |
| 03... | 1.1 | 10 | -- | 20 | -- | -- | 110 | 0 | -- | -- | 44 | -- |
| JAN. | | | | | | | | | | | | |
| 06... | 1.3 | 10 | <60 | 10 | <30 | <130 | 120 | 0 | <40 | <130 | -- | -- |
| FEB. | | | | | | | | | | | | |
| 24... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MAR. | | | | | | | | | | | | |
| 30... | 1.3 | 10 | -- | 10 | -- | -- | 90 | 2 | -- | -- | -- | -- |
| 30... | <60 | 0 | <100 | 110 | <30 | <60 | 100 | -- | <10 | <130 | 30 | -- |
| APR. | | | | | | | | | | | | |
| 21... | 1.1 | 10 | -- | 0 | -- | -- | 70 | 3 | -- | -- | -- | -- |
| 21... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 26 | -- |
| 21... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 30... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | .000 |
| MAY | | | | | | | | | | | | |
| 17... | -- | -- | -- | 0 | -- | -- | -- | -- | -- | -- | -- | -- |
| JUNE | | | | | | | | | | | | |
| 12... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| JULY | | | | | | | | | | | | |
| 20... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 54 | -- |

Unpublished Records
Subject to Revision

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306430 - EVACUATION CR NR MOUTH NR WATSON UT

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

| DATE | UNCORRECTED PERIPHYTON CHLOROPHYLL A MG/SQ M (32228) | CHLOROPHYLL A (UG/L) (32230) | CHLOROPHYLL B (UG/L) (32231) | PHENOLS (UG/L) (32730) | METHYLENE BLUE ACTIVE SUBSTANCE (MG/L) (38260) | POLYCHLORINATED NAPHTHALENES (UG/L) (39250) | TOTAL ALDRIN (UG/L) (39330) | ALDRIN IN BOTTOM MATERIAL (UG/KG) (39333) | TOTAL LINDANE (UG/L) (39340) | LINDANE IN BOTTOM MATERIAL (UG/KG) (39343) | TOTAL CHLORDANE (UG/L) (39350) | CHLORDANE IN BOTTOM MATERIAL (UG/KG) (39351) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OCT. | | | | | | | | | | | | |
| 07... | -- | 2.40 | .100 | 0 | .0 | -- | .00 | -- | .00 | -- | .0 | -- |
| 20... | -- | -- | -- | 4 | -- | -- | -- | -- | -- | -- | -- | -- |
| NOV. | | | | | | | | | | | | |
| 05... | -- | 1.90 | .900 | 2 | -- | -- | -- | -- | -- | -- | -- | -- |
| 25... | 1.70 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DEC. | | | | | | | | | | | | |
| 03... | -- | 1.60 | .300 | 1 | -- | -- | -- | -- | -- | -- | -- | -- |
| JAN. | | | | | | | | | | | | |
| 08... | -- | .000 | .000 | 2 | -- | -- | -- | -- | -- | -- | -- | -- |
| FEB. | | | | | | | | | | | | |
| 24... | -- | -- | -- | 3 | -- | -- | -- | -- | -- | -- | -- | -- |
| MAR. | | | | | | | | | | | | |
| 30... | -- | -- | -- | 3 | -- | -- | -- | -- | -- | -- | -- | -- |
| 30... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| APR. | | | | | | | | | | | | |
| 21... | -- | -- | -- | 2 | .0 | -- | -- | -- | -- | -- | -- | -- |
| 21... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 21... | -- | -- | -- | -- | -- | .00 | .00 | .0 | .00 | .0 | .0 | 0 |
| 30... | .000 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MAY | | | | | | | | | | | | |
| 17... | -- | -- | -- | 1 | -- | -- | -- | -- | -- | -- | -- | -- |
| JUNE | | | | | | | | | | | | |
| 12... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| JULY | | | | | | | | | | | | |
| 20... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

| DATE | TOTAL DDD (UG/L) (39360) | DDD IN BOTTOM MATERIAL (UG/KG) (39363) | TOTAL DDE (UG/L) (39365) | DDE IN BOTTOM MATERIAL (UG/KG) (39368) | TOTAL DDT (UG/L) (39370) | DDT IN BOTTOM MATERIAL (UG/KG) (39373) | TOTAL DIELDRIN (UG/L) (39380) | DIELDRIN IN BOTTOM MATERIAL (UG/KG) (39383) | TOTAL ENDRIN (UG/L) (39390) | ENDRIN IN BOTTOM MATERIAL (UG/KG) (39393) | TOTAL TOXAPHENE (UG/L) (39400) | TOXAPHENE IN BOTTOM MATERIAL (UG/KG) (39403) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OCT. | | | | | | | | | | | | |
| 07... | .00 | -- | .00 | -- | .00 | -- | .00 | -- | .00 | -- | 0 | -- |
| 20... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| NOV. | | | | | | | | | | | | |
| 05... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 25... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DEC. | | | | | | | | | | | | |
| 03... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| JAN. | | | | | | | | | | | | |
| 08... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| FEB. | | | | | | | | | | | | |
| 24... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MAR. | | | | | | | | | | | | |
| 30... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 30... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| APR. | | | | | | | | | | | | |
| 21... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 21... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 21... | .00 | .0 | .00 | .0 | .00 | .0 | .00 | .0 | .00 | .0 | 0 | 0 |
| 30... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MAY | | | | | | | | | | | | |
| 17... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| JUNE | | | | | | | | | | | | |
| 12... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| JULY | | | | | | | | | | | | |
| 20... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

| DATE | TOTAL HEPTA-CHLOR (UG/L) (39410) | HEPTA-CHLOR IN BOTTOM MA-TERIAL (UG/KG) (39413) | TOTAL HEPTA-CHLOR EPOXIDE (UG/L) (39420) | HEPTA-CHLOR EPOXIDE IN BOT-TOM MA-TERIAL (UG/KG) (39423) | TOTAL PCB (UG/L) (39516) | PCB IN BOTTOM MA-TERIAL (UG/KG) (39519) | TOTAL 2,4-D (UG/L) (39730) | 2,4-D IN BOTTOM MA-TERIAL (UG/KG) (39731) | TOTAL 2,4,5-T (UG/L) (39740) | 2,4,5-T IN BOTTOM MA-TERIAL (UG/KG) (39741) | TOTAL SILVEX (UG/L) (39760) | SILVEX IN BOTTOM MA-TERIAL (UG/KG) (39761) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OCT. | | | | | | | | | | | | |
| 07... | .00 | -- | .00 | -- | .0 | -- | .00 | -- | .00 | -- | .00 | -- |
| 20... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| NOV. | | | | | | | | | | | | |
| 05... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 20... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DEC. | | | | | | | | | | | | |
| 03... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| JAN. | | | | | | | | | | | | |
| 08... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| FEB. | | | | | | | | | | | | |
| 24... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MAR. | | | | | | | | | | | | |
| 30... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 30... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| APR. | | | | | | | | | | | | |
| 21... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 21... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 21... | .00 | .0 | .00 | .0 | .0 | 0 | .00 | 0 | .00 | 0 | .00 | 0 |
| 30... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MAY | | | | | | | | | | | | |
| 17... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| JUNE | | | | | | | | | | | | |
| 12... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| JULY | | | | | | | | | | | | |
| 20... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

| DATE | DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300) | DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301) | DIS-SOLVED SOLIDS (TONS PER DAY) (70302) | DIS-SOLVED SOLIDS (TONS PER AC-FT) (70303) | DIS_ SOLVED AMMONIA (NH4) (MG/L) (71846) | DIS_ SOLVED NITRATE (NO3) (MG/L) (71851) | DIS_ SOLVED NITRITE (NO2) (MG/L) (71856) | BROMIDE (BR) (MG/L) (71870) | DIS-SOLVED MERCURY (HG) (UG/L) (71890) | DIS-SOLVED GROSS ALPHA AS U-NAT. (UG/L) (80030) | DIS-SOLVED GROSS BETA AS SR90 /Y90 (PC/L) (80050) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| OCT. | | | | | | | | | | | |
| 07... | 3970 | 3720 | .32 | 5.40 | .00 | .31 | .10 | .3 | .0 | <48 | 23 |
| 20... | 3440 | 3690 | 156 | 5.22 | .01 | .04 | .03 | .2 | -- | -- | -- |
| NOV. | | | | | | | | | | | |
| 05... | 3820 | 3620 | .10 | 5.20 | .03 | .27 | .03 | .4 | .0 | 62 | 18 |
| 28... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DEC. | | | | | | | | | | | |
| 03... | 3470 | 3480 | .47 | 4.72 | .05 | .27 | .03 | .3 | .0 | 98 | 35 |
| JAN. | | | | | | | | | | | |
| 08... | 3870 | 3520 | .31 | 5.26 | .04 | .13 | .03 | .3 | .0 | -- | -- |
| FEB. | | | | | | | | | | | |
| 24... | 3560 | 3310 | 2.88 | 4.84 | .05 | 7.4 | .07 | .5 | -- | -- | -- |
| MAR. | | | | | | | | | | | |
| 30... | 3790 | 3630 | 11.3 | 5.15 | .04 | 5.7 | .03 | .6 | .0 | -- | -- |
| 30... | -- | -- | -- | -- | -- | -- | -- | -- | -- | 59 | 25 |
| APR. | | | | | | | | | | | |
| 21... | 3540 | 3390 | 16.2 | 4.81 | .04 | 4.8 | .03 | .2 | .0 | -- | -- |
| 21... | -- | -- | -- | -- | -- | -- | -- | -- | -- | 86 | 21 |
| 21... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 30... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MAY | | | | | | | | | | | |
| 17... | 3670 | 3520 | -- | 4.99 | .01 | 3.6 | .03 | -- | -- | -- | -- |
| JUNE | | | | | | | | | | | |
| 12... | -- | 3390 | -- | 4.80 | .04 | 3.9 | .03 | -- | -- | -- | -- |
| JULY | | | | | | | | | | | |
| 20... | -- | -- | -- | -- | -- | -- | -- | -- | -- | <22 | 43 |

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S-3

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

| DATE | TYPE | TEMPERATURE (DEG C) (00010) | AIR TEMPERATURE (DEG C) (00020) | SURFACE AREA (SQUARE MILES) (00049) | INSTANTANEOUS DISCHARGE (CFS) (00061) | TURBIDITY (JTU) (00070) | COLOR (PLATINUM-COBALT UNITS) (00080) | SPECIFIC CONDUCTANCE (MICROMHOS) (00095) | DISSOLVED OXYGEN (MG/L) (00300) | CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340) | PH (UNITS) (00400) | CARBON DIOXIDE (CO2) (MG/L) (00405) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OCT. | | | | | | | | | | | | |
| 06... | 2 | 14.2 | -- | 4020 | 416 | 25 | 5 | 720 | 8.0 | 11 | 8.5 | 1.1 |
| 20... | 2 | 9.3 | -- | 4020 | 440 | 8 | -- | 704 | -- | 4 | -- | -- |
| NOV. | | | | | | | | | | | | |
| 04... | 2 | 7.6 | 10.5 | 4020 | 492 | 50 | 5 | 625 | 10.2 | 9 | 8.2 | 2.3 |
| 23... | 2 | -- | -- | 4020 | -- | -- | -- | -- | -- | -- | -- | -- |
| DEC. | | | | | | | | | | | | |
| 01... | 2 | .0 | -- | 4020 | 272 | 20 | 5 | 808 | 9.8 | 6 | 8.0 | 3.9 |
| JAN. | | | | | | | | | | | | |
| 05... | 2 | .5 | -7.0 | 4020 | 220 | 7 | 4 | 831 | 11.4 | 1 | 8.0 | 4.0 |
| FEB. | | | | | | | | | | | | |
| 24... | 2 | .0 | -- | 4020 | 275 | 45 | -- | 849 | 11.7 | 24 | 8.8 | .6 |
| MAR. | | | | | | | | | | | | |
| 03... | 2 | -1.0 | -- | 4020 | 853 | -- | -- | 700 | 9.6 | -- | 7.7 | 5.6 |
| 30... | 2 | 8.9 | -- | 4020 | 426 | -- | -- | 900 | 10.3 | -- | 8.6 | 1.1 |
| 30... | 2 | 8.9 | -- | 4020 | 426 | -- | -- | 900 | -- | -- | 8.6 | -- |
| APR. | | | | | | | | | | | | |
| 06... | 2 | 9.0 | 12.0 | 4020 | 547 | -- | -- | 890 | 8.9 | -- | 7.9 | 5.0 |
| 19... | 2 | 10.5 | -- | 4020 | -- | -- | -- | -- | -- | -- | 6.8 | -- |
| 21... | 2 | 12.5 | -- | 4020 | 508 | 350 | 10 | 876 | 6.8 | 25 | 8.8 | .6 |
| 21... | 2 | 12.5 | -- | 4020 | 508 | -- | -- | 876 | 6.8 | -- | 8.8 | -- |
| 21... | 2 | 12.5 | -- | 4020 | 508 | -- | -- | 876 | 6.8 | -- | 8.8 | -- |
| MAY | | | | | | | | | | | | |
| 04... | 2 | 15.4 | 25.5 | 4020 | 922 | -- | -- | 580 | 7.6 | -- | 6.5 | 96 |
| 15... | 2 | 14.7 | -- | 4020 | -- | 440 | 27 | 435 | -- | -- | 7.0 | 24 |
| JULY | | | | | | | | | | | | |
| 21... | 2 | 13.1 | -- | 4020 | -- | -- | -- | 800 | -- | -- | 7.0 | -- |

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

| DATE | ALKALINITY AS CACO3 (MG/L) (00410) | BICARBONATE (HCO3) (MG/L) (00440) | CARBONATE (CO3) (MG/L) (00445) | TOTAL FILTRABLE RESIDUE (MG/L) (00515) | OIL AND GREASE (MG/L) (00550) | PERIPHYTON BIOMASS ASH WEIGHT G/SQ M (00572) | PERIPHYTON BIOMASS TOTAL DRY WEIGHT G/SQ M (00573) | DISSOLVED AMMONIA NITROGEN (N) (MG/L) (00608) | DISSOLVED NITRITE (N) (MG/L) (00613) | DISSOLVED NITRATE (N) (MG/L) (00618) | TOTAL KJELDAHL NITROGEN (N) (MG/L) (00625) | DISSOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OCT. | | | | | | | | | | | | |
| 06... | 174 | 212 | 0 | 480 | 0 | -- | -- | .01 | .00 | .00 | .41 | .00 |
| 20... | 177 | 216 | 0 | -- | 0 | -- | -- | .01 | .00 | .00 | .25 | .00 |
| NOV. | | | | | | | | | | | | |
| 04... | 183 | 223 | 0 | 500 | 0 | -- | -- | .02 | .00 | .02 | .67 | .02 |
| 24... | -- | -- | -- | -- | -- | .100 | .400 | -- | -- | -- | -- | -- |
| DEC. | | | | | | | | | | | | |
| 01... | 198 | 241 | 0 | 520 | 0 | -- | -- | .00 | .01 | .15 | .29 | .16 |
| JAN. | | | | | | | | | | | | |
| 05... | 205 | 250 | 0 | -- | 0 | -- | -- | .04 | .00 | .25 | .42 | .25 |
| FEB. | | | | | | | | | | | | |
| 24... | 194 | 237 | 0 | -- | 0 | -- | -- | -- | -- | -- | .59 | .33 |
| MAR. | | | | | | | | | | | | |
| 03... | 144 | 175 | 0 | -- | -- | -- | -- | -- | -- | -- | -- | .56 |
| 30... | 218 | 248 | 9 | -- | 0 | -- | -- | .01 | .00 | .09 | .44 | .09 |
| 30... | -- | -- | -- | 650 | -- | -- | -- | -- | -- | -- | -- | -- |
| APR. | | | | | | | | | | | | |
| 06... | 205 | 250 | 0 | -- | -- | -- | -- | -- | -- | -- | -- | 4.3 |
| 19... | -- | -- | -- | -- | -- | 22.9 | 27.2 | -- | -- | -- | -- | -- |
| 21... | 204 | 238 | 5 | -- | 0 | -- | -- | .03 | .01 | .10 | 1.4 | .11 |
| 21... | -- | -- | -- | 620 | -- | -- | -- | -- | -- | -- | -- | -- |
| 21... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MAY | | | | | | | | | | | | |
| 04... | 156 | 190 | 0 | -- | -- | -- | -- | -- | -- | -- | -- | .17 |
| 15... | 123 | 150 | 0 | -- | -- | -- | -- | .00 | .00 | .23 | 1.4 | .23 |
| JULY | | | | | | | | | | | | |
| 21... | -- | -- | -- | 570 | -- | -- | -- | -- | -- | -- | -- | -- |

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| DATE | DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L) (00650) | TOTAL PHOS-PHORUS (P) (MG/L) (00655) | DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L) (00671) | TOTAL ORGANIC CARBON (C) (MG/L) (00680) | DIS-SOL-VED ORGANIC CARBON (C) (MG/L) (00681) | TOTAL IN-ORGANIC CARBON (C) (MG/L) (00685) | SUS-PENDED ORGANIC CARBON (C) (MG/L) (00689) | CYANIDE (CN) (MG/L) (00720) | DIS-SOL-VED SUL-FIDE (S) (MG/L) (00746) | HARD-NESS (CA,MG) (MG/L) (00900) | NON-CAR-BONATE HARD-NESS (MG/L) (00902) | DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OCT. | | | | | | | | | | | | |
| 06... | .00 | .03 | .00 | 3.3 | -- | -- | -- | .00 | .2 | 250 | 79 | 63 |
| 20... | .00 | .03 | .00 | -- | -- | -- | -- | -- | .0 | 260 | 81 | 64 |
| NOV. | | | | | | | | | | | | |
| 04... | .06 | .08 | .02 | -- | -- | -- | -- | .00 | .0 | 270 | 83 | 67 |
| 28... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DEC. | | | | | | | | | | | | |
| 01... | .03 | .00 | .01 | -- | -- | -- | -- | .00 | .0 | 280 | 83 | 71 |
| JAN. | | | | | | | | | | | | |
| 05... | .03 | .01 | .01 | 3.1 | -- | 53 | -- | .00 | .0 | 300 | 96 | 79 |
| FEB. | | | | | | | | | | | | |
| 24... | .00 | .07 | .00 | -- | -- | -- | -- | -- | .0 | 290 | 96 | 70 |
| MAR. | | | | | | | | | | | | |
| 03... | .03 | -- | .01 | -- | -- | -- | -- | -- | -- | 220 | 79 | 56 |
| 30... | .00 | .27 | .00 | 4.5 | 7.3 | -- | -- | .00 | .0 | 320 | 100 | 73 |
| 30... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| APR. | | | | | | | | | | | | |
| 06... | .00 | -- | .00 | -- | -- | -- | -- | -- | -- | 310 | 100 | 71 |
| 19... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 21... | .03 | .45 | .01 | -- | 4.0 | -- | .2 | .00 | .3 | 290 | 87 | 68 |
| 21... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 21... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MAY | | | | | | | | | | | | |
| 04... | .18 | -- | .06 | -- | -- | -- | -- | -- | -- | 210 | 59 | 53 |
| 15... | .03 | .66 | .01 | -- | 4.0 | -- | -- | .00 | -- | 170 | 47 | 43 |
| JULY | | | | | | | | | | | | |
| 21... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

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| DATE | DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925) | DIS-SOLVED SODIUM (NA) (MG/L) (00930) | SODIUM AD-SORP-TION RATIO (00931) | PERCENT SODIUM (00932) | DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935) | DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940) | DIS-SOLVED SULFATE (SO4) (MG/L) (00945) | DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950) | DIS-SOLVED SILICA (SIO2) (MG/L) (00955) | DIS-SOLVED ARSENIC (AS) (UG/L) (01000) | DIS-SOLVED BARIUM (BA) (UG/L) (01005) | DIS-SOLVED BERYL-LIUM (BE) (UG/L) (01010) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OCT. | | | | | | | | | | | | |
| 06... | 23 | 57 | 1.6 | 33 | 1.7 | 31 | 150 | .3 | 11 | 1 | <100 | 0 |
| 20... | 24 | 52 | 1.4 | 30 | 1.8 | 31 | 150 | .3 | 11 | -- | -- | -- |
| NOV. | | | | | | | | | | | | |
| 04... | 24 | 59 | 1.6 | 32 | 1.8 | 33 | 160 | .3 | 12 | 1 | 0 | -- |
| 28... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DEC. | | | | | | | | | | | | |
| 01... | 25 | 67 | 1.7 | 34 | 1.7 | 36 | 170 | .2 | 15 | 0 | 100 | -- |
| JAN. | | | | | | | | | | | | |
| 05... | 25 | 60 | 1.5 | 30 | 2.2 | 39 | 160 | .2 | 15 | 0 | 60 | 0 |
| FEB. | | | | | | | | | | | | |
| 24... | 28 | 76 | 1.9 | 36 | 2.8 | 41 | 190 | .3 | 13 | -- | -- | -- |
| MAR. | | | | | | | | | | | | |
| 03... | 20 | 65 | 1.9 | 38 | 3.4 | 25 | 180 | .2 | 8.6 | -- | -- | -- |
| 30... | 33 | 86 | 2.1 | 37 | 2.2 | 43 | 230 | .3 | 12 | 0 | 0 | 10 |
| 30... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 60 | <3 |
| APR. | | | | | | | | | | | | |
| 06... | 32 | 76 | 1.9 | 35 | 2.4 | 38 | 210 | .3 | 12 | -- | -- | -- |
| 19... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 21... | 29 | 79 | 2.0 | 37 | 2.2 | 34 | 220 | .3 | 12 | 1 | 0 | 0 |
| 21... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 21... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MAY | | | | | | | | | | | | |
| 04... | 20 | 40 | 1.2 | 29 | 3.0 | 22 | 120 | .3 | 11 | -- | -- | -- |
| 15... | 15 | 26 | .9 | 25 | 1.0 | 13 | 81 | .2 | 12 | 1 | -- | -- |
| JULY | | | | | | | | | | | | |
| 21... | -- | -- | -- | -- | 3.0 | -- | -- | -- | -- | -- | -- | -- |

Published Records
Subject to Revision

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306500 - WHITE R NR WATSON UT

PROCESS DATE 08/25/76
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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

| DATE | DIS-SOLVED BISMUTH (BI) (UG/L) (01015) | DIS-SOLVED BORON (B) (UG/L) (01020) | DIS-SOLVED CAD-MIUM (CD) (UG/L) (01025) | DIS-SOLVED CHRO-MIUM (CR) (UG/L) (01030) | DIS-SOLVED COBALT (CO) (UG/L) (01035) | DIS-SOLVED COPPER (CU) (UG/L) (01040) | DIS-SOLVED IRON (FE) (UG/L) (01046) | DIS-SOLVED LEAD (PB) (UG/L) (01049) | DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056) | DIS-SOLVED MOLYB-DENUM (MO) (UG/L) (01060) | DIS-SOLVED NICKEL (NI) (UG/L) (01065) | DIS-SOLVED SILVER (AG) (UG/L) (01075) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OCT. | | | | | | | | | | | | |
| 06... | <3 | 50 | 0 | 10 | 1 | 1 | 0 | 0 | 10 | 3 | 2 | 0 |
| 20... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| NOV. | | | | | | | | | | | | |
| 04... | -- | 50 | 1 | 4 | 1 | 3 | 30 | 0 | 4 | 2 | 5 | -- |
| 25... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DEC. | | | | | | | | | | | | |
| 01... | -- | 70 | 0 | <10 | 0 | 5 | 30 | 0 | 0 | 3 | 3 | -- |
| JAN. | | | | | | | | | | | | |
| 05... | <10 | 50 | 0 | 0 | 1 | 3 | 0 | 1 | 0 | 4 | 2 | 0 |
| FEB. | | | | | | | | | | | | |
| 24... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MAR. | | | | | | | | | | | | |
| 03... | -- | 100 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 30... | -- | 60 | 0 | 0 | -- | 2 | 10 | 1 | 0 | 3 | 4 | -- |
| 30... | <17 | 120 | 0 | <11 | <11 | 20 | 870 | 37 | 20 | 140 | <11 | <2 |
| APR. | | | | | | | | | | | | |
| 06... | -- | 70 | -- | -- | -- | -- | 30 | -- | 0 | -- | -- | -- |
| 19... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 21... | -- | 80 | 0 | 0 | -- | 3 | 60 | 0 | 10 | 3 | 2 | -- |
| 21... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 21... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MAY | | | | | | | | | | | | |
| 04... | -- | 50 | -- | -- | -- | -- | 60 | -- | 10 | -- | -- | -- |
| 15... | -- | 30 | -- | -- | -- | -- | 10 | -- | 0 | -- | -- | -- |
| JULY | | | | | | | | | | | | |
| 21... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

| DATE | DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080) | DIS-SOLVED VANA-DIUM (V) (UG/L) (01085) | DIS-SOLVED ZINC (ZN) (UG/L) (01090) | DIS-SOLVED TIN (SN) (UG/L) (01100) | DIS-SOLVED ALUM-INUM (AL) (UG/L) (01106) | DIS-SOLVED GALLIUM (GA) (UG/L) (01120) | DIS-SOLVED GER-MANIUM (GE) (UG/L) (01125) | DIS-SOLVED LITHIUM (LI) (UG/L) (01130) | DIS-SOLVED SELE-NIUM (SE) (UG/L) (01145) | DIS-SOLVED TI-TANIUM (TI) (UG/L) (01150) | DIS-SOLVED ZIR-CONIUM (ZR) (UG/L) (01160) | DIS-SOLVED GROSS BETA AS CS-137 (PC/L) (03515) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OCT. | | | | | | | | | | | | |
| 06... | 870 | 2.1 | 10 | <3 | 20 | <2 | <7 | 10 | 1 | <2 | <5 | 3.7 |
| 20... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| NOV. | | | | | | | | | | | | |
| 04... | -- | 2.7 | 20 | -- | 40 | -- | -- | 10 | 1 | -- | -- | 1.9 |
| 23... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DEC. | | | | | | | | | | | | |
| 01... | -- | 1.5 | 0 | -- | 30 | -- | -- | 10 | 1 | -- | -- | 3.1 |
| JAN. | | | | | | | | | | | | |
| 05... | 980 | 1.4 | 0 | <10 | 0 | <5 | <20 | 10 | 1 | <6 | <20 | -- |
| FEB. | | | | | | | | | | | | |
| 24... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MAR. | | | | | | | | | | | | |
| 03... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 30... | 1000 | 1.5 | 10 | -- | 10 | -- | -- | 20 | 1 | -- | -- | -- |
| 30... | 1000 | <11 | 60 | <17 | 90 | <6 | <10 | 20 | -- | <3 | <30 | 2.9 |
| APR. | | | | | | | | | | | | |
| 06... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 19... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 21... | 880 | 1.8 | 0 | -- | 20 | -- | -- | 0 | 2 | -- | -- | -- |
| 21... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | <1.9 |
| 21... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MAY | | | | | | | | | | | | |
| 04... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 15... | 480 | -- | -- | -- | 40 | -- | -- | -- | -- | -- | -- | -- |
| JULY | | | | | | | | | | | | |
| 21... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.3 |

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

| DATE | UNCORRECTED PERIPHYTON CHLOROPHYLL B MG/SQ M (32226) | UNCORRECTED PERIPHYTON CHLOROPHYLL A MG/SQ M (32228) | CHLOROPHYLL A (UG/L) (32230) | CHLOROPHYLL B (UG/L) (32231) | PHENOLS (UG/L) (32730) | METHYLENE BLUE ACTIVE SUBSTANCE (MG/L) (38260) | POLYCHLORINATED NAPHTHALENES (UG/L) (39250) | TOTAL ALDRIN (UG/L) (39330) | ALDRIN IN BOTTOM MATERIAL (UG/KG) (39333) | TOTAL LINDANE (UG/L) (39340) | LINDANE IN BOTTOM MATERIAL (UG/KG) (39343) | TOTAL CHLORDANE (UG/L) (39350) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OCT. | | | | | | | | | | | | |
| 06... | -- | -- | 1.50 | 1.10 | 2 | .0 | -- | .00 | -- | .00 | -- | .0 |
| 20... | -- | -- | -- | -- | 4 | -- | -- | -- | -- | -- | -- | -- |
| NOV. | | | | | | | | | | | | |
| 04... | -- | -- | .800 | .500 | 11 | -- | -- | -- | -- | -- | -- | -- |
| 28... | .000 | .200 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DEC. | | | | | | | | | | | | |
| 01... | -- | -- | .900 | .000 | 2 | -- | -- | -- | -- | -- | -- | -- |
| JAN. | | | | | | | | | | | | |
| 05... | -- | -- | 1.80 | .400 | 3 | -- | -- | -- | -- | -- | -- | -- |
| FEB. | | | | | | | | | | | | |
| 24... | -- | -- | -- | -- | 3 | -- | -- | -- | -- | -- | -- | -- |
| MAR. | | | | | | | | | | | | |
| 03... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 30... | -- | -- | -- | -- | 3 | -- | -- | -- | -- | -- | -- | -- |
| 31... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| APR. | | | | | | | | | | | | |
| 06... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 19... | .000 | 7.56 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 21... | -- | -- | -- | -- | 4 | .0 | -- | -- | -- | -- | -- | -- |
| 21... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 21... | -- | -- | -- | -- | -- | -- | .00 | .00 | .0 | .00 | .0 | .0 |
| MAY | | | | | | | | | | | | |
| 04... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 15... | -- | -- | -- | -- | 7 | -- | -- | -- | -- | -- | -- | -- |
| JULY | | | | | | | | | | | | |
| 21... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

Unpublished Records
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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

| DATE | CHLORDANE IN BOTTOM MATERIAL (UG/KG) (39351) | TOTAL DDD (UG/L) (39360) | DDD IN BOTTOM MATERIAL (UG/KG) (39363) | TOTAL DDE (UG/L) (39365) | DDE IN BOTTOM MATERIAL (UG/KG) (39368) | TOTAL DDT (UG/L) (39370) | DDT IN BOTTOM MATERIAL (UG/KG) (39373) | TOTAL DIELDRIN (UG/L) (39380) | DIELDRIN IN BOTTOM MATERIAL (UG/KG) (39383) | TOTAL ENDRIN (UG/L) (39390) | ENDRIN IN BOTTOM MATERIAL (UG/KG) (39393) | TOTAL TOXAPHENE (UG/L) (39400) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OCT. | | | | | | | | | | | | |
| 06... | -- | .00 | -- | .00 | -- | .00 | -- | .00 | -- | .00 | -- | 0 |
| 20... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| NOV. | | | | | | | | | | | | |
| 04... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 28... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DEC. | | | | | | | | | | | | |
| 01... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| JAN. | | | | | | | | | | | | |
| 05... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| FEB. | | | | | | | | | | | | |
| 24... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MAR. | | | | | | | | | | | | |
| 03... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 30... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 30... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| APR. | | | | | | | | | | | | |
| 06... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 19... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 21... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 21... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 21... | 0 | .00 | .0 | .00 | .0 | .00 | .0 | .00 | .0 | .00 | .0 | 0 |
| MAY | | | | | | | | | | | | |
| 04... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 15... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| JULY | | | | | | | | | | | | |
| 21... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

Records
Subject to Revision

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

| DATE | TOX-APHENE IN BOTTOM MA-TERIAL (UG/KG) (39403) | TOTAL HEPTA-CHLOR (UG/L) (39410) | HEPTA-CHLOR IN BOTTOM MA-TERIAL (UG/KG) (39413) | TOTAL HEPTA-CHLOR EPOXIDE (UG/L) (39420) | HEPTA-CHLOR EPOXIDE IN BOT-TOM MA-TERIAL (UG/KG) (39423) | TOTAL PCB (UG/L) (39516) | PCB IN BOTTOM MA-TERIAL (UG/KG) (39519) | TOTAL 2,4-D (UG/L) (39730) | 2,4-D IN BOTTOM MA-TERIAL (UG/KG) (39731) | TOTAL 2,4,5-T (UG/L) (39740) | 2,4,5-T IN BOTTOM MA-TERIAL (UG/KG) (39741) | TOTAL SILVEX (UG/L) (39760) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OCT. | | | | | | | | | | | | |
| 06... | -- | .00 | -- | .00 | -- | .0 | -- | .00 | -- | .00 | -- | .00 |
| 20... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| NOV. | | | | | | | | | | | | |
| 04... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 28... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DEC. | | | | | | | | | | | | |
| 01... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| JAN. | | | | | | | | | | | | |
| 05... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| FEB. | | | | | | | | | | | | |
| 26... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MAR. | | | | | | | | | | | | |
| 03... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 30... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 30... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| APR. | | | | | | | | | | | | |
| 06... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 19... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 21... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 21... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 21... | 0 | .00 | .0 | .00 | .0 | .0 | 0 | .00 | 0 | .00 | 0 | .00 |
| MAY | | | | | | | | | | | | |
| 04... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 15... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| JULY | | | | | | | | | | | | |
| 21... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

| DATE | SILVER IN BOTTOM MATERIAL (UG/KG) (39761) | DIS-SOLVED SOLIDS (RESIDUE AT 180 C) (MG/L) (70300) | DIS-SOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L) (70301) | DIS-SOLVED SOLIDS (TONS PER DAY) (70302) | DIS-SOLVED SOLIDS (TONS PER AC-FT) (70303) | DIS-SOLVED AMMONIA (NH4) (MG/L) (71846) | DIS-SOLVED NITRATE (NO3) (MG/L) (71851) | DIS-SOLVED NITRITE (NO2) (MG/L) (71856) | BROMIDE (BR) (MG/L) (71870) |
|---|---|---|---|---|---|---|---|---|---|
| OCT. | | | | | | | | | |
| 06... | -- | 461 | 443 | 518 | .63 | .01 | .00 | .00 | .1 |
| 20... | -- | 456 | 441 | 542 | .62 | .01 | .00 | .00 | .0 |
| NOV. | | | | | | | | | |
| 04... | -- | 484 | 468 | 643 | .66 | .03 | .09 | .00 | .1 |
| 25... | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DEC. | | | | | | | | | |
| 01... | -- | 515 | 506 | 378 | .70 | .00 | .66 | .03 | .1 |
| JAN. | | | | | | | | | |
| 05... | -- | 533 | 506 | 317 | .72 | .05 | 1.1 | .00 | .1 |
| FEB. | | | | | | | | | |
| 24... | -- | 566 | 540 | 420 | .77 | -- | -- | -- | .1 |
| MAR. | | | | | | | | | |
| 03... | -- | -- | 447 | 1030 | .61 | -- | -- | -- | -- |
| 30... | -- | 635 | 613 | 730 | .86 | .01 | .40 | .00 | .2 |
| 30... | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| APR. | | | | | | | | | |
| 06... | -- | -- | 584 | 803 | .79 | -- | -- | -- | -- |
| 19... | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 21... | -- | 579 | 569 | 794 | .79 | .04 | .44 | .03 | .1 |
| 21... | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 21... | 0 | -- | -- | -- | -- | -- | -- | -- | -- |
| MAY | | | | | | | | | |
| 04... | -- | -- | 364 | 906 | .50 | -- | -- | -- | -- |
| 19... | -- | 246 | 267 | -- | .39 | .00 | 1.0 | .00 | -- |
| JULY | | | | | | | | | |
| 21... | -- | -- | -- | -- | -- | -- | -- | -- | -- |

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

| DATE | DIS-SOLVED MERCURY (HG) (UG/L) (71890) | ELEV. OF LAND SURFACE DATUM (FT. ABOVE MSL) (72000) | DIS-SOLVED GROSS ALPHA AS U-NAT. (UG/L) (80030) | DIS-SOLVED GROSS BETA AS SR90 /Y90 (PC/L) (80050) |
|---|---|---|---|---|
| OCT. | | | | |
| 06... | .0 | 4947 | 7.9 | 3.0 |
| 20... | -- | 4947 | -- | -- |
| NOV. | | | | |
| 04... | .0 | 4947 | <6.9 | 1.6 |
| 28... | -- | 4947 | -- | -- |
| DEC. | | | | |
| 01... | .0 | 4947 | 14 | 2.5 |
| JAN. | | | | |
| 05... | .1 | 4947 | -- | -- |
| FEB. | | | | |
| 24... | -- | 4947 | -- | -- |
| MAR. | | | | |
| 03... | -- | 4947 | -- | -- |
| 30... | .0 | 4947 | -- | -- |
| 30... | -- | 4947 | 17 | 2.3 |
| APR. | | | | |
| 06... | -- | 4947 | -- | -- |
| 19... | -- | 4947 | -- | -- |
| 21... | .0 | 4947 | -- | -- |
| 21... | -- | 4947 | 11 | <1.6 |
| 21... | -- | 4947 | -- | -- |
| MAY | | | | |
| 04... | -- | 4947 | -- | -- |
| 15... | -- | 4947 | -- | -- |
| JULY | | | | |
| 21... | -- | 4947 | 9.3 | 5.2 |

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UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
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PROCESS DATE 08/25/76
DISTRICT CODE 49

S-2

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

| DATE | TYPE | TEMPERATURE (DEG C) (00010) | AIR TEMPERATURE (DEG C) (00020) | INSTANTANEOUS DISCHARGE (CFS) (00061) | TURBIDITY (JTU) (00070) | COLOR (PLATINUM-COBALT UNITS) (00080) | SPECIFIC CONDUCTANCE (MICROMHOS) (00095) | DISSOLVED OXYGEN (MG/L) (00300) | CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340) | PH (UNITS) (00400) | CARBON DIOXIDE (CO2) (MG/L) (00405) | ALKALINITY AS CACO3 (MG/L) (00410) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OCT. | | | | | | | | | | | | |
| 08... | 2 | 10.0 | -- | 409 | 25 | 5 | 740 | 9.1 | 10 | 8.7 | .7 | 176 |
| 21... | 2 | 6.9 | -- | 430 | 10 | -- | 710 | -- | 2 | -- | -- | 178 |
| NOV. | | | | | | | | | | | | |
| 28... | 2 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DEC. | | | | | | | | | | | | |
| 01... | 2 | .5 | 4.0 | 299 | 30 | 5 | 750 | 11.7 | 11 | 7.7 | 7.8 | 199 |
| APR. | | | | | | | | | | | | |
| 19... | 2 | 9.8 | -- | -- | -- | -- | -- | -- | -- | 6.8 | -- | -- |
| 22... | 2 | 12.3 | -- | 503 | 170 | 20 | 830 | 7.8 | 25 | 9.4 | .2 | 201 |
| 22... | 2 | 12.3 | -- | 503 | -- | -- | 830 | 7.8 | -- | 9.4 | -- | -- |
| MAY | | | | | | | | | | | | |
| 19... | 2 | 15.0 | -- | -- | 310 | 40 | 370 | -- | -- | 7.0 | 23 | 116 |

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DISTRICT CODE 49

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

| DATE | BICAR-BONATE (HCO3) (MG/L) (00440) | CAR-BONATE (CO3) (MG/L) (00445) | TOTAL FILT-RABLE RESIDUE (MG/L) (00515) | OIL AND GREASE (MG/L) (00550) | PERI-PHYTON BIOMASS ASH WEIGHT G/SQ M (00572) | PERI-PHYTON BIOMASS TOTAL DRY WEIGHT G/SQ M (00573) | DIS-SOLVED AMMONIA NITRO-GEN (N) (MG/L) (00608) | DIS-SOLVED NITRITE (N) (MG/L) (00613) | DIS-SOLVED NITRATE (N) (MG/L) (00618) | TOTAL KJEL-DAHL NITRO-GEN (N) (MG/L) (00625) | DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631) | DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L) (00660) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OCT. | | | | | | | | | | | | |
| 08... | 210 | 2 | 480 | 0 | -- | -- | .00 | .00 | .00 | .44 | .00 | .00 |
| 21... | 217 | 0 | -- | 0 | -- | -- | .00 | .00 | .00 | .25 | .00 | .00 |
| NOV. | | | | | | | | | | | | |
| 28... | -- | -- | -- | -- | .000 | .000 | -- | -- | -- | -- | -- | -- |
| DEC. | | | | | | | | | | | | |
| 01... | 243 | 0 | 540 | 0 | -- | -- | .00 | .01 | .20 | 1.1 | .21 | .06 |
| APR. | | | | | | | | | | | | |
| 19... | -- | -- | -- | -- | 2.31 | 2.85 | -- | -- | -- | -- | -- | -- |
| 22... | 239 | 3 | -- | 0 | -- | -- | .03 | .00 | .08 | .72 | .08 | .00 |
| 22... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MAY | | | | | | | | | | | | |
| 19... | 141 | 0 | -- | -- | -- | -- | .03 | .01 | .28 | .71 | .29 | .03 |

Published Records
Subject to Revision

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306600 - WHITE R ABV SOUTHAM CAN NR WATSON UT

PROCESS DATE 08/25/76
DISTRICT CODE 49

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

| DATE | TOTAL PHOS-PHORUS (P) (MG/L) (00665) | DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L) (00671) | TOTAL ORGANIC CARBON (C) (MG/L) (00680) | DIS-SOL-VED ORGANIC CARBON (C) (MG/L) (00681) | SUS-PENDED ORGANIC CARBON (C) (MG/L) (00689) | CYANIDE (CN) (MG/L) (00720) | DIS-SOL-VED SUL-FIDE (S) (MG/L) (00746) | HARD-NESS (CA,MG) (MG/L) (00900) | NON-CAR-BONATE HARD-NESS (MG/L) (00902) | DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915) | DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925) | DIS-SOLVED SODIUM (NA) (MG/L) (00930) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OCT. | | | | | | | | | | | | |
| 08... | .04 | .00 | 7.3 | -- | -- | .00 | .2 | 260 | 84 | 64 | 24 | 55 |
| 21... | .04 | .00 | -- | -- | -- | -- | .0 | 260 | 84 | 67 | 23 | 52 |
| NOV. | | | | | | | | | | | | |
| 28... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DEC. | | | | | | | | | | | | |
| 01... | .03 | .02 | -- | -- | -- | .00 | .0 | 280 | 78 | 73 | 23 | 64 |
| APR. | | | | | | | | | | | | |
| 19... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 22... | .28 | .00 | -- | 12 | .5 | .00 | .0 | 300 | 100 | 71 | 30 | 78 |
| 22... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MAY | | | | | | | | | | | | |
| 19... | .49 | .01 | -- | 4.4 | -- | .00 | -- | 150 | 32 | 39 | 12 | 19 |

Unpublished Records
Subject to Revision

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306600 - WHITE R ABV SOUTHAM CAN NR WATSON UT

PROCESS DATE 08/25/76
DISTRICT CODE 49

WATER QUALITY DATA. WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

| DATE | SODIUM AD-SORP-TION RATIO (00931) | PERCENT SODIUM (00932) | DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935) | DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940) | DIS-SOLVED SULFATE (SO4) (MG/L) (00945) | DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950) | DIS-SOLVED SILICA (SIO2) (MG/L) (00955) | DIS-SOLVED ARSENIC (AS) (UG/L) (01000) | DIS-SOLVED BARIUM (BA) (UG/L) (01005) | DIS-SOLVED BERYL-LIUM (BE) (UG/L) (01010) | DIS-SOLVED BISMUTH (BI) (UG/L) (01015) | DIS-SOLVED BORON (B) (UG/L) (01020) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OCT. | | | | | | | | | | | | |
| 08... | 1.5 | 31 | 1.7 | 33 | 150 | .3 | 11 | 1 | <100 | 0 | <3 | 70 |
| 21... | 1.4 | 30 | 1.6 | 32 | 140 | .2 | 11 | -- | -- | -- | -- | -- |
| NOV. | | | | | | | | | | | | |
| 28... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DEC. | | | | | | | | | | | | |
| 01... | 1.7 | 33 | 1.7 | 35 | 160 | .3 | 14 | 0 | 100 | -- | -- | 100 |
| APR. | | | | | | | | | | | | |
| 19... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 22... | 2.0 | 36 | 2.2 | 35 | 220 | .2 | 12 | 1 | 0 | 0 | -- | 70 |
| 22... | -- | -- | -- | -- | -- | -- | -- | -- | 50 | <3 | <10 | 60 |
| MAY | | | | | | | | | | | | |
| 19... | .7 | 22 | 1.4 | 11 | 63 | .2 | 11 | 1 | -- | -- | -- | 0 |

Unpublished Records
Subject to Revision

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306600 - WHITE R ABV SOUTHAM CAN NR WATSON UT

PROCESS DATE 08/25/76
DISTRICT CODE 49

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

| DATE | DIS-SOLVED CAD-MIUM (CD) (UG/L) (01025) | DIS-SOLVED CHRO-MIUM (CR) (UG/L) (01030) | DIS-SOLVED COBALT (CO) (UG/L) (01035) | DIS-SOLVED COPPER (CU) (UG/L) (01040) | DIS-SOLVED IRON (FE) (UG/L) (01046) | DIS-SOLVED LEAD (PB) (UG/L) (01049) | DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056) | DIS-SOLVED MOLYB-DENUM (MO) (UG/L) (01060) | DIS-SOLVED NICKEL (NI) (UG/L) (01065) | DIS-SOLVED SILVER (AG) (UG/L) (01075) | DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080) | DIS-SOLVED VANA-DIUM (V) (UG/L) (01085) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OCT. | | | | | | | | | | | | |
| 08... | 0 | 10 | 0 | 2 | 0 | 0 | 10 | 4 | 2 | 0 | 820 | 2.0 |
| 21... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| NOV. | | | | | | | | | | | | |
| 23... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DEC. | | | | | | | | | | | | |
| 01... | 0 | <10 | 0 | 2 | 0 | 1 | 0 | 3 | 4 | -- | -- | 1.5 |
| APR. | | | | | | | | | | | | |
| 19... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 22... | 1 | 10 | -- | 3 | 20 | 1 | 10 | 3 | 3 | -- | 900 | 1.9 |
| 22... | 1 | <10 | <10 | 4 | 40 | <10 | 10 | 7 | <10 | <1 | 700 | <10 |
| MAY | | | | | | | | | | | | |
| 19... | -- | -- | -- | -- | 10 | -- | 0 | -- | -- | -- | 470 | -- |

Unpublished Records
Subject to Revision

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306600 - WHITE R ABV SOUTHAM CAN NR WATSON UT

PROCESS DATE 08/25/76
DISTRICT CODE 49

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

| DATE | DIS-SOLVED ZINC (ZN) (UG/L) (01090) | DIS-SOLVED TIN (SN) (UG/L) (01100) | DIS-SOLVED ALUM-INUM (AL) (UG/L) (01106) | DIS-SOLVED GALLIUM (GA) (UG/L) (01120) | DIS-SOLVED GER-MANIUM (GE) (UG/L) (01125) | DIS-SOLVED LITHIUM (LI) (UG/L) (01130) | DIS-SOLVED SELE-NIUM (SE) (UG/L) (01145) | DIS-SOLVED TI-TANIUM (TI) (UG/L) (01150) | DIS-SOLVED ZIR-CONIUM (ZR) (UG/L) (01160) | DIS-SOLVED GROSS BETA AS CS-137 (PC/L) (03515) | UNCOR-RECTED PERI-PHYTON CHLORO-PHYLL B MG/SQ M (32226) | UNCOR-RECTED PERI-PHYTON CHLORO-PHYLL A MG/SQ M (32228) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OCT. | | | | | | | | | | | | |
| 08... | 10 | <3 | 10 | <2 | <7 | 10 | 1 | <2 | <5 | 8.3 | -- | -- |
| 21... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| NOV. | | | | | | | | | | | | |
| 24... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | .000 | .000 |
| DEC. | | | | | | | | | | | | |
| 01... | 10 | -- | 20 | -- | -- | 10 | 1 | -- | -- | 4.7 | -- | -- |
| APR. | | | | | | | | | | | | |
| 19... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | .000 | .979 |
| 22... | 0 | -- | 20 | -- | -- | 10 | 2 | -- | -- | -- | -- | -- |
| 22... | 0 | <10 | 60 | <5 | <20 | * 10 | -- | <6 | <20 | -- | -- | -- |
| MAY | | | | | | | | | | | | |
| 19... | -- | -- | 10 | -- | -- | -- | -- | -- | -- | -- | -- | -- |

Unpublished Records
Subject to Revision

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306600 - WHITE R ABV SOUTHAM CAN NR WATSON UT

PROCESS DA 08/25/76
DISTRICT CODE 49

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

| DATE | CHLORO-PHYLL A (UG/L) (32230) | CHLORO-PHYLL B (UG/L) (32231) | PHENOLS (UG/L) (32730) | METHY-LENE BLUE ACTIVE SUB-STANCE (MG/L) (38260) | TOTAL ALDRIN (UG/L) (39330) | TOTAL LINDANE (UG/L) (39340) | TOTAL CHLOR-DANE (UG/L) (39350) | TOTAL DDD (UG/L) (39360) | TOTAL DDE (UG/L) (39365) | TOTAL DDT (UG/L) (39370) | TOTAL DI-ELDRIN (UG/L) (39380) | TOTAL ENDRIN (UG/L) (39390) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OCT. | | | | | | | | | | | | |
| 06... | 0.80 | 15.0 | 2 | .2 | .00 | .00 | .0 | .00 | .00 | .00 | .00 | .00 |
| 21... | -- | -- | 3 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| NOV. | | | | | | | | | | | | |
| 28... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DEC. | | | | | | | | | | | | |
| 01... | 1.20 | .900 | 1 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| APR. | | | | | | | | | | | | |
| 19... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 22... | -- | -- | 4 | .0 | -- | -- | -- | -- | -- | -- | -- | -- |
| 22... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MAY | | | | | | | | | | | | |
| 19... | -- | -- | 0 | -- | -- | -- | -- | -- | -- | -- | -- | -- |

Unpublished Records
Subject to Revision

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306600 - WHITE R ABV SOUTHAM CAN NR WATSON UT

PROCESS DATE 08/25/76
DISTRICT CODE 49

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

| DATE | TOTAL TOX-APHENE (UG/L) (39400) | TOTAL HEPTA-CHLOR (UG/L) (39410) | TOTAL HEPTA-CHLOR EPOXIDE (UG/L) (39420) | TOTAL PCB (UG/L) (39516) | TOTAL 2,4-D (UG/L) (39730) | TOTAL 2,4,5-T (UG/L) (39740) | TOTAL SILVEX (UG/L) (39760) | DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300) | DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301) | DIS-SOLVED SOLIDS (TONS PER DAY) (70302) | DIS-SOLVED SOLIDS (TONS PER AC-FT) (70303) | DIS-SOLVED AMMONIA (NH4) (MG/L) (71846) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OCT. | | | | | | | | | | | | |
| 08... | 0 | .00 | .00 | .0 | .00 | .00 | .00 | 464 | 446 | 512 | .63 | .00 |
| 21... | -- | -- | -- | -- | -- | -- | -- | 459 | 434 | 533 | .62 | .00 |
| NOV. | | | | | | | | | | | | |
| 29... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DEC. | | | | | | | | | | | | |
| 01... | -- | -- | -- | -- | -- | -- | -- | 504 | 492 | 407 | .69 | .00 |
| APR. | | | | | | | | | | | | |
| 19... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 22... | -- | -- | -- | -- | -- | -- | -- | 590 | 571 | 801 | .80 | .04 |
| 22... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MAY | | | | | | | | | | | | |
| 19... | -- | -- | -- | -- | -- | -- | -- | 224 | 228 | -- | .30 | .04 |

Unpublished Records
Subject to Revision

WATER QUALITY DATA. WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

| DATE | DIS- SOLVED NITRATE (NO3) (MG/L) (71851) | DIS- SOLVED NITRITE (NO2) (MG/L) (71856) | BROMIDE (BR) (MG/L) (71870) | DIS- SOLVED MERCURY (HG) (UG/L) (71890) | DIS- SOLVED GROSS ALPHA AS U-NAT. (UG/L) (80030) | DIS- SOLVED GROSS BETA AS SR90 /Y90 (PC/L) (80050) |
|---|---|---|---|---|---|---|
| OCT. | | | | | | |
| 08... | .00 | .03 | .1 | .0 | 5.3 | 6.6 |
| 21... | .00 | .00 | .0 | -- | -- | -- |
| NOV. | | | | | | |
| 23... | -- | -- | -- | -- | -- | -- |
| DEC. | | | | | | |
| 01... | .89 | .03 | .1 | .2 | 9.1 | 3.9 |
| APR. | | | | | | |
| 19... | -- | -- | -- | -- | -- | -- |
| 22... | .35 | .00 | .1 | .0 | -- | -- |
| 22... | -- | -- | -- | -- | -- | -- |
| MAY | | | | | | |
| 19... | 1.2 | .03 | -- | -- | -- | -- |

UNITED STATES DEPARTMENT INTERIOR - GEOLOGICAL SURVEY
09306605 - SOUTHAM CAN WASH NR WATSON UT

PROCES DATE 08/25/76
DISTRICT CODE 49

Unpublished Records
Subject to Revision

S-9

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

| DATE | TYPE | TEMPER-ATURE (DEG C) (00010) | INSTAN-TANEOUS DIS-CHARGE (CFS) (00061) | SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS) (00095) | DIS-SOLVED OXYGEN (MG/L) (00300) | PH (UNITS) (00400) | CARBON DIOXIDE (CO2) (MG/L) (00405) | ALKA-LINITY AS CACO3 (MG/L) (00410) | BICAR-BONATE (HCO3) (MG/L) (00440) | CAR-BONATE (CO3) (MG/L) (00445) | DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| FEB. | | | | | | | | | | | |
| 12... | < | .0 | .01 | 130 | 11.4 | 7.9 | 2.2 | 89 | 109 | 0 | .45 |
| 13... | < | .0 | .01 | 180 | 11.4 | 7.7 | 2.4 | 62 | 75 | 0 | .54 |

Unpublished Records
Subject to Revision

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306605 - SOUTHAM CAN WASH NR WATSON UT

PROCESS DATE 08/25/76
DISTRICT CODE 49

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

| DATE | DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L) (00660) | DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L) (00671) | HARD-NESS (CA,MG) (MG/L) (00900) | NON-CAR-BONATE HARD-NESS (MG/L) (00902) | DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915) | DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925) | DIS-SOLVED SODIUM (NA) (MG/L) (00930) | SODIUM AD-SORP-TION RATIO (00931) | PERCENT SODIUM (00932) | DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935) |
|---|---|---|---|---|---|---|---|---|---|---|
| FEB. | | | | | | | | | | |
| 12... | .18 | .05 | 77 | 0 | 28 | 1.6 | 15 | .7 | 29 | 2.2 |
| 13... | .12 | .04 | 42 | 0 | 15 | 1.0 | 13 | .9 | 39 | 1.6 |

Unpublished Records
Subject to Revision

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306605 - SOUTHAM CAN WASH NR WATSON UT

PROCESSED DATE 08/25/76
DISTRICT CODE 49

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

| DATE | DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940) | DIS-SOLVED SULFATE (SO4) (MG/L) (00945) | DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950) | DIS-SOLVED SILICA (SIO2) (MG/L) (00955) | DIS-SOLVED BORON (B) (UG/L) (01020) | DIS-SOLVED IRON (FE) (UG/L) (01046) | DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056) | DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301) | DIS-SOLVED SOLIDS (TONS PER DAY) (70302) | DIS-SOLVED SOLIDS (TONS PER AC-FT) (70303) |
|---|---|---|---|---|---|---|---|---|---|---|
| FEB. | | | | | | | | | | |
| 12... | 2.2 | 12 | .1 | 5.3 | 70 | 190 | 0 | 123 | .00 | .17 |
| 13... | 1.5 | 7.5 | .1 | 5.2 | 50 | 160 | 10 | 85 | .00 | .12 |

Unpublished Records
Subject to Revision



S-13

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

| DATE | TYPE | TEMPERATURE (DEG C) (00010) | INSTANTANEOUS DISCHARGE (CFS) (00061) | SPECIFIC CONDUCTANCE (MICROMHOS) (00095) | DISSOLVED OXYGEN (MG/L) (00300) | PH (UNITS) (00400) | CARBON DIOXIDE (CO2) (MG/L) (00405) | ALKALINITY AS CACO3 (MG/L) (00410) | BICARBONATE (HCO3) (MG/L) (00440) | CARBONATE (CO3) (MG/L) (00445) | DISSOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| FEB. 12... | 2 | .0 | .20 | 330 | 11.5 | 8.1 | 2.7 | 176 | 215 | 0 | 1.4 |

Unpublished Records
Subject to Revision

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306610 - SOUTHAM CAN WASH AT MOUTH NR WATSON UT

PROCESS DATE 08/25/76
DISTRICT CODE 49

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

| DATE | DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L) (00650) | DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L) (00671) | HARD-NESS (CA,MG) (MG/L) (00900) | NON-CAR-BONATE HARD-NESS (MG/L) (00902) | DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915) | DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925) | DIS-SOLVED SODIUM (NA) (MG/L) (00930) | SODIUM AD-SORP-TION RATIO (00931) | PERCENT SODIUM (00932) | DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935) |
|---|---|---|---|---|---|---|---|---|---|---|
| FEB. 12... | .28 | .09 | 84 | 0 | 29 | 2.8 | 50 | 2.4 | 56 | 2.5 |

Unpublished Records
Subject to Revision

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306610 - SOUTHAM CAN WASH AT MOUTH NR WATSON UT

PROCESS DATE 08/25/76
DISTRICT CODE 49

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

| DATE | DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940) | DIS-SOLVED SULFATE (SO4) (MG/L) (00945) | DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950) | DIS-SOLVED SILICA (SIO2) (MG/L) (00955) | DIS-SOLVED BORON (B) (UG/L) (01020) | DIS-SOLVED IRON (FE) (UG/L) (01046) | DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056) | DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301) | DIS-SOLVED SOLIDS (TONS PER DAY) (70302) | DIS-SOLVED SOLIDS (TONS PER AC-FT) (70303) |
|---|---|---|---|---|---|---|---|---|---|---|
| FEB. 12... | 2.8 | 55 | .2 | 7.3 | 100 | 290 | 10 | 262 | .14 | .36 |

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306620 - ASPHALT WASH BLW CENTER FORK NR WATSON UT

PROCESS DATE 08/25/76
DISTRICT CODE 49

Unpublished Records
Subject to Revision

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

S-10

| DATE | TYPE | DEPTH (FT) (00003) | TEMPER-ATURE (DEG C) (00010) | INSTAN-TANEOUS DIS-CHARGE (CFS) (00061) | SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS) (00095) | DIS-SOLVED OXYGEN (MG/L) (00300) | PH (UNITS) (00400) | CARBON DIOXIDE (CO2) (MG/L) (00405) | ALKA-LINITY AS CACO3 (MG/L) (00410) | BICAR-BONATE (HCO3) (MG/L) (00440) | CAR-BONATE (CO3) (MG/L) (00445) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| FEB. | | | | | | | | | | | |
| 11... | 2 | -- | .0 | 1.6 | 400 | 11.6 | 8.1 | 1.9 | 123 | 150 | 0 |
| 12... | 2 | .0 | 310 | .15 | -- | 12.0 | 7.8 | 3.7 | 121 | 147 | 0 |

Unpublished Records
Subject to Revision

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306620 - ASPHALT WASH BLW CENTER FORK NR WATSON UT

PROCESS DATE 08/25/76
DISTRICT CODE 49

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

| DATE | DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631) | DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L) (00660) | DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L) (00671) | HARD-NESS (CA,MG) (MG/L) (00900) | NON-CAR-BONATE HARD-NESS (MG/L) (00902) | DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915) | DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925) | DIS-SOLVED SODIUM (NA) (MG/L) (00930) | SODIUM AD-SORP-TION RATIO (00931) | PERCENT SODIUM (00932) | DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| FEB. | | | | | | | | | | | |
| 11... | 1.8 | .18 | .06 | 51 | 0 | 16 | 2.7 | 59 | 3.6 | 69 | 4.5 |
| 12... | 1.0 | .28 | .09 | 42 | 0 | 13 | 2.3 | 54 | 3.6 | 72 | 3.8 |

Unpublished Records
Subject to Revision

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

| DATE | DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940) | DIS-SOLVED SULFATE (SO4) (MG/L) (00945) | DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950) | DIS-SOLVED SILICA (SIO2) (MG/L) (00955) | DIS-SOLVED BORON (B) (UG/L) (01020) | DIS-SOLVED IRON (FE) (UG/L) (01046) | DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056) | DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301) | DIS-SOLVED SOLIDS (TONS PER DAY) (70302) | DIS-SOLVED SOLIDS (TONS PER AC-FT) (70303) |
|---|---|---|---|---|---|---|---|---|---|---|
| FEB. | | | | | | | | | | |
| 11... | 6.9 | 45 | .2 | 5.3 | 230 | 180 | 10 | 222 | .97 | .30 |
| 12... | 5.8 | 32 | .2 | 5.5 | 150 | 300 | 10 | 194 | .08 | .26 |

Unpublished Records
Subject to Revision

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306625 - ASPHALT WASH AT MOUTH NR WATSON UT

PROCESS DATE 8/25/76
DISTRICT CODE 49

S-12

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

| DATE | TYPE | TEMPERATURE (DEG C) (00010) | INSTANTANEOUS DISCHARGE (CFS) (00061) | SPECIFIC CONDUCTANCE (MICROMHOS) (00095) | DISSOLVED OXYGEN (MG/L) (00300) | PH (UNITS) (00400) | CARBON DIOXIDE (CO2) (MG/L) (00405) | ALKALINITY AS CACO3 (MG/L) (00410) | BICARBONATE (HCO3) (MG/L) (00440) | CARBONATE (CO3) (MG/L) (00445) | DISSOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| FEB. | | | | | | | | | | | |
| 11... | 2 | .0 | .80 | 320 | 12.0 | 8.0 | 3.2 | 167 | 203 | 0 | 1.8 |

Unpublished Records
Subject to Revision

Unpublished Records
Subject to Revision

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306625 - ASPHALT WASH AT MOUTH NR WATSON UT

PROCESS DATE 08/25/76
DISTRICT CODE 49

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

| DATE | DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L) (00660) | DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L) (00671) | HARD-NESS (CA,MG) (MG/L) (00900) | NON-CAR-BONATE HARD-NESS (MG/L) (00902) | DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915) | DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925) | DIS-SOLVED SODIUM (NA) (MG/L) (00930) | SODIUM AD-SORP-TION RATIO (00931) | PERCENT SODIUM (00932) | DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935) |
|---|---|---|---|---|---|---|---|---|---|---|
| FEB. 11... | .31 | .10 | 110 | 0 | 23 | 13 | 67 | 2.8 | 56 | 4.2 |

Unpublished Records
Subject to Revision

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306625 - ASPHALT WASH AT MOUTH NR WATSON UT

PROCESS DATE 08/25/76
DISTRICT CODE 49

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

| DATE | DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940) | DIS-SOLVED SULFATE (SO4) (MG/L) (00945) | DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950) | DIS-SOLVED SILICA (SIO2) (MG/L) (00955) | DIS-SOLVED BORON (B) (UG/L) (01020) | DIS-SOLVED IRON (FE) (UG/L) (01046) | DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056) | DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301) | DIS-SOLVED SOLIDS (TONS PER DAY) (70302) | DIS-SOLVED SOLIDS (TONS PER AC-FT) (70303) |
|---|---|---|---|---|---|---|---|---|---|---|
| FEB. 11... | 7.5 | 77 | .2 | 4.8 | 250 | 360 | 10 | 306 | .66 | .42 |

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306700 - WHITE R BLW ASPHALT WASH NR WATSON UT

PROCESS DATE 08/25/76
DISTRICT CODE 49

Unpublished Records
Subject to Revision

S-1

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

| DATE | TYPE | TEMPERATURE (DEG C) (00010) | AIR TEMPERATURE (DEG C) (00020) | INSTANTANEOUS DISCHARGE (CFS) (00061) | TURBIDITY (JTU) (00070) | COLOR (PLATINUM-COBALT UNITS) (00080) | SPECIFIC CONDUCTANCE (MICROMHOS) (00095) | DISSOLVED OXYGEN (MG/L) (00300) | CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340) | PH (UNITS) (00400) | CARBON DIOXIDE (CO2) (MG/L) (00405) | ALKALINITY AS CACO3 (MG/L) (00410) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OCT. | | | | | | | | | | | | |
| 09... | 2 | 9.3 | -- | 437 | 20 | 7 | 750 | 9.4 | 15 | 8.1 | 2.7 | 176 |
| 21... | 2 | 6.9 | -- | 430 | 10 | -- | 704 | -- | 2 | -- | -- | 178 |
| NOV. | | | | | | | | | | | | |
| 03... | 2 | 6.1 | -- | 500 | 150 | 200 | 750 | 9.2 | 15 | 8.4 | 1.5 | 196 |
| 28... | 2 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DEC. | | | | | | | | | | | | |
| 02... | 2 | .5 | 5.0 | 331 | 30 | 5 | 725 | 11.9 | 13 | 7.8 | 6.0 | 193 |
| JAN. | | | | | | | | | | | | |
| 07... | 2 | -.5 | -- | -- | 15 | 5 | 825 | 11.3 | 1 | 8.0 | 4.2 | 216 |
| FEB. | | | | | | | | | | | | |
| 24... | 2 | .0 | -- | 263 | 6 | -- | 860 | 11.7 | 19 | 8.0 | 3.7 | 192 |
| MAR. | | | | | | | | | | | | |
| 30... | 2 | 4.5 | -- | 426 | -- | -- | 970 | 7.8 | -- | 8.0 | 4.3 | 221 |
| 30... | 2 | 4.5 | -- | 426 | -- | -- | 970 | 7.8 | -- | 8.0 | -- | -- |
| APR. | | | | | | | | | | | | |
| 22... | 2 | 10.7 | -- | 500 | 260 | 15 | 810 | 7.3 | 25 | -- | -- | 204 |
| 22... | 2 | 10.7 | -- | 500 | -- | -- | 810 | 7.3 | -- | 9.4 | -- | -- |
| MAY | | | | | | | | | | | | |
| 14... | 2 | 17.1 | -- | -- | 400 | 34 | 440 | -- | -- | 8.1 | 1.9 | 122 |
| JULY | | | | | | | | | | | | |
| 22... | 2 | 23.6 | -- | -- | -- | -- | 675 | -- | -- | 7.7 | -- | -- |

Unpublished Records
Subject to Revision

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306700 - WHITE R BLW ASPHALT WASH NR WATSON UT

PROCESS DATE 08/25/76
DISTRICT CODE 49

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

| DATE | BICARBONATE (HCO3) (MG/L) (00440) | CARBONATE (CO3) (MG/L) (00445) | TOTAL FILTRABLE RESIDUE (MG/L) (00515) | OIL AND GREASE (MG/L) (00550) | PERIPHYTON BIOMASS ASH WEIGHT G/SQ M (00572) | PERIPHYTON BIOMASS TOTAL DRY WEIGHT G/SQ M (00573) | DISSOLVED AMMONIA NITROGEN (N) (MG/L) (00608) | DISSOLVED NITRITE (N) (MG/L) (00613) | DISSOLVED NITRATE (N) (MG/L) (00618) | TOTAL KJELDAHL NITROGEN (N) (MG/L) (00625) | DISSOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631) | DISSOLVED ORTHO PHOSPHATE (PO4) (MG/L) (00660) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OCT. | | | | | | | | | | | | |
| 09... | 215 | 0 | 480 | 0 | -- | -- | .00 | .00 | .00 | .28 | .00 | .00 |
| 21... | 217 | 0 | -- | 0 | -- | -- | .01 | .00 | .05 | .24 | .05 | .00 |
| NOV. | | | | | | | | | | | | |
| 03... | 239 | 0 | 520 | 0 | -- | -- | .03 | .01 | .02 | 1.1 | .03 | .00 |
| 25... | -- | -- | -- | -- | 24.0 | 24.0 | -- | -- | -- | -- | -- | -- |
| DEC. | | | | | | | | | | | | |
| 02... | 235 | 0 | 1900 | 0 | -- | -- | .04 | .01 | .14 | .48 | .15 | .03 |
| JAN. | | | | | | | | | | | | |
| 07... | 263 | 0 | -- | 0 | -- | -- | .05 | .00 | .27 | .49 | .27 | .09 |
| FEB. | | | | | | | | | | | | |
| 24... | 234 | 0 | -- | 0 | -- | -- | -- | .01 | .38 | .55 | .39 | .06 |
| MAR. | | | | | | | | | | | | |
| 30... | 269 | 0 | -- | 0 | -- | -- | .02 | .01 | .07 | .76 | .08 | .03 |
| 30... | -- | -- | 700 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| APR. | | | | | | | | | | | | |
| 22... | 234 | 7 | -- | 0 | -- | -- | .03 | .01 | .10 | 1.1 | .11 | .00 |
| 22... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MAY | | | | | | | | | | | | |
| 14... | 149 | 0 | -- | -- | -- | -- | .01 | .00 | .29 | 3.3 | .29 | .03 |
| JULY | | | | | | | | | | | | |
| 22... | -- | -- | 580 | -- | -- | -- | -- | -- | -- | -- | -- | -- |

Unpublished Records
Subject to Revision

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306700 - WHITE R BLW ASPHALT WASH NR WATSON UT

PROCESS DATE 08/25/76
DISTRICT CODE 49

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

| DATE | TOTAL PHOS-PHORUS (P) (MG/L) (00665) | DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L) (00671) | TOTAL ORGANIC CARBON (C) (MG/L) (00680) | DIS-SOL-VED ORGANIC CARBON (C) (MG/L) (00681) | TOTAL IN-ORGANIC CARBON (C) (MG/L) (00685) | SUS-PENDED ORGANIC CARBON (C) (MG/L) (00689) | CYANIDE (CN) (MG/L) (00720) | DIS-SOL-VED SUL-FIDE (S) (MG/L) (00746) | HARD-NESS (CA,MG) (MG/L) (00900) | NON-CAR-BONATE HARD-NESS (MG/L) (00902) | DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915) | DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OCT. | | | | | | | | | | | | |
| 09... | .07 | .00 | 6.0 | -- | -- | -- | .00 | .2 | 250 | 77 | 63 | 23 |
| 21... | .08 | .00 | -- | -- | -- | -- | -- | .0 | 260 | 84 | 67 | 23 |
| NOV. | | | | | | | | | | | | |
| 03... | .10 | .00 | -- | -- | -- | -- | .00 | .1 | 280 | 79 | 69 | 25 |
| 23... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DEC. | | | | | | | | | | | | |
| 02... | .00 | .01 | -- | -- | -- | -- | .00 | .0 | 270 | 81 | 70 | 24 |
| JAN. | | | | | | | | | | | | |
| 07... | .03 | .03 | 2.8 | -- | 57 | -- | .00 | .1 | 310 | 95 | 81 | 26 |
| FEB. | | | | | | | | | | | | |
| 24... | .09 | .02 | -- | -- | -- | -- | -- | .3 | 290 | 100 | 69 | 29 |
| MAR. | | | | | | | | | | | | |
| 30... | .34 | .01 | 4.6 | 4.6 | -- | -- | .00 | .0 | 340 | 110 | 76 | 35 |
| 30... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| APR. | | | | | | | | | | | | |
| 22... | .34 | .00 | -- | 3.0 | -- | .4 | .00 | -- | 300 | 93 | 69 | 30 |
| 22... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MAY | | | | | | | | | | | | |
| 14... | .54 | .01 | -- | 5.5 | -- | -- | .00 | -- | 170 | 45 | 42 | 15 |
| JULY | | | | | | | | | | | | |
| 22... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

Unpublished Records
Subject to Revision

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306700 - WHITE R AT ASPHALT WASH NR WATSON UT

PROCESSED DATE 08/25/76
DISTRICT CODE

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

| DATE | DIS-SOLVED SODIUM (NA) (MG/L) (00930) | SODIUM AD-SORP-TION RATIO (00931) | PERCENT SODIUM (00932) | DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935) | DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940) | DIS-SOLVED SULFATE (SO4) (MG/L) (00945) | DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950) | DIS-SOLVED SILICA (SIO2) (MG/L) (00955) | DIS-SOLVED ARSENIC (AS) (UG/L) (01000) | DIS-SOLVED BARIUM (BA) (UG/L) (01005) | DIS-SOLVED BERYL-LIUM (BE) (UG/L) (01010) | DIS-SOLVED BISMUTH (BI) (UG/L) (01015) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OCT. | | | | | | | | | | | | |
| 09... | 57 | 1.6 | 33 | 1.6 | 33 | 150 | .3 | 10 | 1 | <100 | 0 | <3 |
| 21... | 56 | 1.5 | 32 | 1.6 | 32 | 160 | .2 | 11 | -- | -- | -- | -- |
| NOV. | | | | | | | | | | | | |
| 03... | 66 | 1.7 | 34 | 2.0 | 35 | 180 | .3 | 12 | 1 | 0 | -- | -- |
| 25... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DEC. | | | | | | | | | | | | |
| 02... | 66 | 1.7 | 34 | 1.7 | 34 | 160 | .2 | 14 | 1 | 100 | -- | -- |
| JAN. | | | | | | | | | | | | |
| 07... | 62 | 1.5 | 30 | 2.3 | 43 | 180 | .3 | 15 | 0 | 70 | 0 | <10 |
| FEB. | | | | | | | | | | | | |
| 24... | 66 | 1.7 | 33 | 3.8 | 39 | 180 | .3 | 13 | -- | -- | -- | -- |
| MAR. | | | | | | | | | | | | |
| 30... | 89 | 2.1 | 37 | 2.4 | 45 | 240 | .3 | 13 | 0 | 0 | 0 | -- |
| 30... | -- | -- | -- | -- | -- | -- | -- | -- | -- | 60 | <3 | <17 |
| APR. | | | | | | | | | | | | |
| 22... | 78 | 2.0 | 36 | 2.2 | 35 | 210 | .2 | 12 | 1 | 100 | 0 | -- |
| 22... | -- | -- | -- | -- | -- | -- | -- | -- | -- | 60 | <3 | <10 |
| MAY | | | | | | | | | | | | |
| 14... | 26 | .9 | 25 | 1.5 | 13 | 77 | .2 | 12 | 1 | -- | -- | -- |
| JULY | | | | | | | | | | | | |
| 22... | -- | -- | -- | 5.2 | -- | -- | -- | -- | -- | -- | -- | -- |

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306700 - WHITE R BLW ASPHALT WASH NR WATSON UT

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Unpublished Records
Subject to Revision

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

| DATE | DIS-SOLVED BORON (B) (UG/L) (01020) | DIS-SOLVED CAD-MIUM (CD) (UG/L) (01025) | DIS-SOLVED CHRO-MIUM (CR) (UG/L) (01030) | DIS-SOLVED COBALT (CO) (UG/L) (01035) | DIS-SOLVED COPPER (CU) (UG/L) (01040) | DIS-SOLVED IRON (FE) (UG/L) (01046) | DIS-SOLVED LEAD (PB) (UG/L) (01049) | DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056) | DIS-SOLVED MOLYB-DENUM (MO) (UG/L) (01060) | DIS-SOLVED NICKEL (NI) (UG/L) (01065) | DIS-SOLVED SILVER (AG) (UG/L) (01075) | DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OCT. | | | | | | | | | | | | |
| 09... | 70 | 1 | 10 | 0 | 3 | 0 | 0 | 10 | 3 | 0 | 0 | 780 |
| 21... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| NOV. | | | | | | | | | | | | |
| 03... | 80 | 0 | 0 | 0 | 13 | 30 | 0 | 4 | 2 | 4 | -- | -- |
| 28... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DEC. | | | | | | | | | | | | |
| 02... | 70 | 0 | <10 | 1 | 2 | 0 | 0 | 0 | 3 | 3 | -- | -- |
| JAN. | | | | | | | | | | | | |
| 07... | 80 | 0 | 0 | 0 | 2 | 30 | 1 | 10 | 5 | 2 | 0 | 1000 |
| FEB. | | | | | | | | | | | | |
| 24... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MAR. | | | | | | | | | | | | |
| 30... | 70 | 0 | 0 | -- | 6 | 40 | 1 | 10 | 4 | 2 | -- | 1000 |
| 30... | 60 | 0 | <11 | <11 | 6 | 40 | <11 | <10 | 150 | <11 | <2 | 1000 |
| APR. | | | | | | | | | | | | |
| 22... | 70 | 1 | 10 | -- | 2 | 20 | 0 | 0 | 1 | 2 | -- | 860 |
| 22... | 70 | 1 | <10 | <10 | 4 | 40 | <10 | <10 | 6 | <10 | <1 | 720 |
| MAY | | | | | | | | | | | | |
| 14... | 20 | -- | -- | -- | -- | 20 | -- | 0 | -- | -- | -- | 460 |
| JULY | | | | | | | | | | | | |
| 22... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

Unpublished Records
Subject to Revision

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306700 - WHITE R BLW ASPHALT WASH NR WATSON UT

PROCESS DATE 0[illegible]25/76
DISTRICT CODE 49

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

| DATE | DIS-SOLVED VANA-DIUM (V) (UG/L) (01045) | DIS-SOLVED ZINC (ZN) (UG/L) (01090) | DIS-SOLVED TIN (SN) (UG/L) (01100) | DIS-SOLVED ALUM-INUM (AL) (UG/L) (01106) | DIS-SOLVED GALLIUM (GA) (UG/L) (01120) | DIS-SOLVED GER-MANIUM (GE) (UG/L) (01125) | DIS-SOLVED LITHIUM (LI) (UG/L) (01130) | DIS-SOLVED SELE-NIUM (SE) (UG/L) (01145) | DIS-SOLVED TI-TANIUM (TI) (UG/L) (01150) | DIS-SOLVED ZIR-CONIUM (ZR) (UG/L) (01160) | DIS-SOLVED GROSS BETA AS CS-137 (PC/L) (03515) | UNCOR-RECTED PERI-PHYTON CHLORO-PHYLL B MG/SQ M (32226) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OCT. | | | | | | | | | | | | |
| 09... | 2.1 | 10 | <3 | 0 | <2 | <7 | 10 | 1 | <2 | <5 | 3.2 | -- |
| 21... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| NOV. | | | | | | | | | | | | |
| 03... | 2.5 | 10 | -- | 20 | -- | -- | 8 | 1 | -- | -- | 2.9 | -- |
| 28... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | .000 |
| DEC. | | | | | | | | | | | | |
| 02... | 1.4 | 10 | -- | 30 | -- | -- | 8 | 1 | -- | -- | 4.1 | -- |
| JAN. | | | | | | | | | | | | |
| 07... | 1.5 | 10 | <10 | 10 | <5 | <20 | 10 | 1 | <7 | <20 | -- | -- |
| FEB. | | | | | | | | | | | | |
| 24... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MAR. | | | | | | | | | | | | |
| 30... | 1.5 | 10 | -- | 40 | -- | -- | 20 | 1 | -- | -- | -- | -- |
| 30... | <11 | 30 | <17 | 40 | <6 | <10 | 20 | -- | <3 | <30 | <2.4 | -- |
| APR. | | | | | | | | | | | | |
| 22... | 2.0 | 0 | -- | 10 | -- | -- | 20 | 1 | -- | -- | -- | -- |
| 22... | <10 | 0 | <10 | 50 | <5 | <20 | 10 | -- | <6 | <20 | -- | -- |
| MAY | | | | | | | | | | | | |
| 14... | -- | -- | -- | 70 | -- | -- | -- | -- | -- | -- | -- | -- |
| JULY | | | | | | | | | | | | |
| 22... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 8.1 | -- |

Unpublished Records
Subject to Revision

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306700 - WHITE R BLW ASPHALT WASH NR WATSON UT

PROCESS DATE 8/25/76
DISTRICT CODE 49

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

| DATE | UNCORRECTED PERI-PHYTON CHLORO-PHYLL A MG/SQ M (32228) | CHLORO-PHYLL A (UG/L) (32230) | CHLORO-PHYLL B (UG/L) (32231) | PHENOLS (UG/L) (32730) | METHYLENE BLUE ACTIVE SUBSTANCE (MG/L) (38260) | TOTAL ALDRIN (UG/L) (39330) | TOTAL LINDANE (UG/L) (39340) | TOTAL CHLORDANE (UG/L) (39350) | TOTAL DDD (UG/L) (39360) | TOTAL DDE (UG/L) (39365) | TOTAL DDT (UG/L) (39370) | TOTAL DIELDRIN (UG/L) (39380) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OCT. | | | | | | | | | | | | |
| 09... | -- | 1.60 | 1.80 | 0 | .0 | .00 | .00 | .0 | .00 | .00 | .00 | .00 |
| 21... | -- | -- | -- | 4 | -- | -- | -- | -- | -- | -- | -- | -- |
| NOV. | | | | | | | | | | | | |
| 03... | -- | 5.10 | 2.10 | 2 | -- | -- | -- | -- | -- | -- | -- | -- |
| 28... | .700 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DEC. | | | | | | | | | | | | |
| 02... | -- | .500 | .000 | 0 | -- | -- | -- | -- | -- | -- | -- | -- |
| JAN. | | | | | | | | | | | | |
| 07... | -- | 2.50 | .000 | 2 | -- | -- | -- | -- | -- | -- | -- | -- |
| FEB. | | | | | | | | | | | | |
| 24... | -- | -- | -- | 2 | -- | -- | -- | -- | -- | -- | -- | -- |
| MAR. | | | | | | | | | | | | |
| 30... | -- | -- | -- | 6 | -- | -- | -- | -- | -- | -- | -- | -- |
| 30... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| APR. | | | | | | | | | | | | |
| 22... | -- | -- | -- | 2 | .0 | -- | -- | -- | -- | -- | -- | -- |
| 22... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MAY | | | | | | | | | | | | |
| 14... | -- | -- | -- | 2 | -- | -- | -- | -- | -- | -- | -- | -- |
| JULY | | | | | | | | | | | | |
| 22... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306700 - WHITE R BLW ASPHALT WASH NR WATSON UT

PROCESS DATE 08/25/76
DISTRICT CODE 49

Unpublished Records
Subject to Revision

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

| DATE | TOTAL ENDRIN (UG/L) (39390) | TOTAL TOX-APHENE (UG/L) (39400) | TOTAL HEPTA-CHLOR (UG/L) (39410) | TOTAL HEPTA-CHLOR EPOXIDE (UG/L) (39420) | TOTAL PCB (UG/L) (39516) | TOTAL 2,4-D (UG/L) (39730) | TOTAL 2,4,5-T (UG/L) (39740) | TOTAL SILVEX (UG/L) (39760) | DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300) | DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301) | DIS-SOLVED SOLIDS (TONS PER DAY) (70302) | DIS-SOLVED SOLIDS (TONS PER AC-FT) (70303) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OCT. | | | | | | | | | | | | |
| 09... | .00 | 0 | .00 | .00 | .0 | .00 | .00 | .00 | 467 | 445 | 551 | .64 |
| 21... | -- | -- | -- | -- | -- | -- | -- | -- | 467 | 458 | 542 | .64 |
| NOV. | | | | | | | | | | | | |
| 03... | -- | -- | -- | -- | -- | -- | -- | -- | 509 | 508 | 687 | .69 |
| 23... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DEC. | | | | | | | | | | | | |
| 02... | -- | -- | -- | -- | -- | -- | -- | -- | 498 | 487 | 445 | .68 |
| JAN. | | | | | | | | | | | | |
| 07... | -- | -- | -- | -- | -- | -- | -- | -- | 559 | 542 | -- | .76 |
| FEB. | | | | | | | | | | | | |
| 24... | -- | -- | -- | -- | -- | -- | -- | -- | 517 | 518 | 367 | .70 |
| MAR. | | | | | | | | | | | | |
| 30... | -- | -- | -- | -- | -- | -- | -- | -- | 653 | 635 | 751 | .89 |
| 30... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| APR. | | | | | | | | | | | | |
| 22... | -- | -- | -- | -- | -- | -- | -- | -- | 581 | 560 | 784 | .79 |
| 22... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MAY | | | | | | | | | | | | |
| 14... | -- | -- | -- | -- | -- | -- | -- | -- | 282 | 262 | -- | .38 |
| JULY | | | | | | | | | | | | |
| 22... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

Unpublished Records
Subject to Revision

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306700 - WHITE R BLW ASPHALT WASH NR WATSON UT

PROCESS DATE 08/25/76
DISTRICT CODE 49

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

| DATE | DIS- SOLVED AMMONIA (NH4) (MG/L) (71846) | DIS- SOLVED NITRATE (NO3) (MG/L) (71851) | DIS- SOLVED NITRITE (NO2) (MG/L) (71856) | BROMIDE (BR) (MG/L) (71870) | DIS- SOLVED MERCURY (HG) (UG/L) (71890) | DIS- SOLVED GROSS ALPHA AS U-NAT. (UG/L) (80030) | DIS- SOLVED GROSS BETA AS SR90 /Y90 (PC/L) (80050) |
|---|---|---|---|---|---|---|---|
| OCT. | | | | | | | |
| 09... | .00 | .00 | .00 | .1 | .0 | 5.3 | 25 |
| 21... | .01 | .22 | .00 | .0 | -- | -- | -- |
| NOV. | | | | | | | |
| 03... | .04 | .09 | .03 | .1 | .0 | <5.6 | 2.3 |
| 28... | -- | -- | -- | -- | -- | -- | -- |
| DEC. | | | | | | | |
| 02... | .05 | .62 | .03 | .1 | .0 | 11 | 3.3 |
| JAN. | | | | | | | |
| 07... | .06 | 1.2 | .00 | .1 | .1 | -- | -- |
| FEB. | | | | | | | |
| 24... | -- | 1.7 | .03 | .1 | -- | -- | -- |
| MAR. | | | | | | | |
| 30... | .03 | .31 | .03 | .2 | .0 | -- | -- |
| 30... | -- | -- | -- | -- | -- | 11 | <1.9 |
| APR. | | | | | | | |
| 22... | .04 | .44 | .03 | .1 | .0 | -- | -- |
| 22... | -- | -- | -- | -- | -- | -- | -- |
| MAY | | | | | | | |
| 14... | .01 | 1.3 | .00 | -- | -- | -- | -- |
| JULY | | | | | | | |
| 22... | -- | -- | -- | -- | -- | <5.7 | 6.7 |

C. Ground Water

Water
Pump
II

Q8248

| DA | MO | YR | 0600 | 1200 | 1800 | 2400 | MAX | MIN | DAY |
|---|---|---|---|---|---|---|---|---|---|
| 19 | 7 | 76 | 0.00 | 0.00 | 280.00 | 279.99 | 280.03 | 279.99 | 280.00 |
| 20 | 7 | 76 | 280.03 | 280.13 | 280.05 | 280.01 | 280.14 | 280.01 | 280.06 |
| 21 | 7 | 76 | 280.01 | 280.03 | 280.00 | 279.98 | 280.03 | 279.97 | 280.00 |
| 22 | 7 | 76 | 280.03 | 280.19 | 280.06 | 280.02 | 280.13 | 280.00 | 280.05 |
| 23 | 7 | 76 | 280.08 | 280.20 | 280.16 | 280.11 | 280.22 | 280.03 | 280.14 |
| 24 | 7 | 76 | 280.17 | 280.21 | 280.11 | 280.02 | 280.21 | 280.01 | 280.12 |
| 25 | 7 | 76 | 280.03 | 280.14 | 280.16 | 280.17 | 280.20 | 280.03 | 280.13 |
| 26 | 7 | 76 | 280.20 | 280.12 | 280.16 | 280.03 | 280.23 | 280.02 | 280.15 |
| 27 | 7 | 76 | 280.04 | 280.11 | 280.12 | 280.03 | 280.15 | 280.03 | 280.08 |
| 28 | 7 | 76 | 280.14 | 280.16 | 280.14 | 280.04 | 280.17 | 280.02 | 280.12 |
| 29 | 7 | 76 | 280.11 | 280.13 | 280.12 | 280.04 | 280.15 | 280.02 | 280.10 |
| 30 | 7 | 76 | 280.13 | 280.19 | 280.18 | 280.18 | 280.21 | 280.04 | 280.17 |
| 31 | 7 | 76 | 280.28 | 280.29 | 280.23 | 280.25 | 280.31 | 280.18 | 280.26 |
| 1 | 8 | 76 | 280.33 | 280.36 | 280.34 | 280.34 | 280.34 | 280.31 | 280.34 |
| 2 | 8 | 76 | 280.36 | 280.38 | 280.34 | 280.34 | 280.39 | 280.33 | 280.34 |
| 3 | 8 | 76 | 280.36 | 280.42 | 280.34 | 280.31 | 280.43 | 280.33 | 280.36 |
| 4 | 8 | 76 | 280.35 | 280.37 | 280.35 | 0.00 | 280.38 | 280.34 | 280.36 |

| DA | MO | YR | 0600 | 1200 | 1800 | 2400 | MAX | MIN | DAY |
|---|---|---|---|---|---|---|---|---|---|
| 7 | 7 | 76 | 0.00 | 0.00 | 156.97 | 156.96 | 156.99 | 156.92 | 156.96 |
| 8 | 7 | 76 | 156.93 | 156.86 | 156.93 | 156.97 | 156.99 | 156.84 | 156.92 |
| [illegible] | 7 | 76 | 156.94 | 156.85 | 156.88 | 156.90 | 157.01 | 156.79 | 156.91 |
| [illegible] | 7 | 76 | 156.92 | 156.82 | 156.86 | 156.92 | 156.95 | 156.73 | 156.88 |
| 11 | 7 | 76 | 156.80 | 156.87 | 157.00 | 157.04 | 157.06 | 156.81 | 156.95 |
| 12 | 7 | 76 | 156.99 | 157.00 | 157.01 | 157.04 | 157.09 | 156.97 | 157.01 |
| 13 | 7 | 76 | 156.95 | 156.92 | 156.97 | 156.92 | 157.00 | 156.90 | 156.96 |
| 14 | 7 | 76 | 156.91 | 156.89 | 156.92 | 156.98 | 156.96 | 156.87 | 156.92 |
| 15 | 7 | 76 | 156.83 | 156.77 | 156.79 | 156.84 | 156.87 | 156.76 | 156.81 |
| 16 | 7 | 76 | 156.77 | 156.72 | 156.79 | 156.86 | 156.88 | 156.72 | 156.79 |
| 17 | 7 | 76 | 156.80 | 156.78 | 156.87 | 156.84 | 156.90 | 156.76 | 156.82 |
| 18 | 7 | 76 | 156.79 | 156.78 | 156.82 | 156.88 | 156.84 | 156.77 | 156.80 |
| 19 | 7 | 76 | 156.84 | 156.77 | 156.83 | 156.81 | 156.89 | 156.76 | 156.81 |
| 20 | 7 | 76 | 156.75 | 156.68 | 156.75 | 156.80 | 156.88 | 156.64 | 156.74 |
| 21 | 7 | 76 | 156.79 | 156.75 | 156.81 | 156.85 | 156.87 | 156.73 | 156.80 |
| 22 | 7 | 76 | 156.80 | 156.69 | 156.73 | 156.79 | 156.86 | 156.62 | 156.75 |
| 23 | 7 | 76 | 156.74 | 156.62 | 156.69 | 156.77 | 156.79 | 156.55 | 156.70 |
| 24 | 7 | 76 | 156.71 | 156.64 | 156.69 | 156.83 | 156.85 | 156.59 | 156.72 |
| 25 | 7 | 76 | 156.74 | 156.72 | 156.73 | 156.73 | 156.80 | 156.67 | 156.74 |
| 26 | 7 | 76 | 156.72 | 156.69 | 156.76 | 156.86 | 156.89 | 156.66 | 156.76 |
| 27 | 7 | 76 | 156.82 | 156.79 | 156.81 | 156.87 | 156.89 | 156.72 | 156.82 |
| 28 | 7 | 76 | 156.80 | 156.78 | 156.82 | 156.90 | 156.92 | 156.77 | 156.83 |
| 29 | 7 | 76 | 156.84 | 156.94 | 156.87 | 156.93 | 156.93 | 156.83 | 156.87 |
| 30 | 7 | 76 | 156.80 | 156.82 | 156.84 | 156.89 | 156.90 | 156.68 | 156.85 |
| 31 | 7 | 76 | 156.70 | 156.75 | 156.83 | 156.82 | 156.89 | 156.73 | 156.79 |
| 1 | 8 | 76 | 156.72 | 156.70 | 156.74 | 156.75 | 156.77 | 156.70 | 156.73 |
| 2 | 8 | 76 | 156.71 | 156.69 | 156.75 | 156.78 | 156.81 | 156.68 | 156.73 |
| 3 | 8 | 76 | 156.79 | 156.64 | 156.73 | 0.00 | 156.78 | 156.63 | 156.73 |

| DA | MO | YR | 0600 | 1200 | 1800 | 2400 | MAX | MIN | DAY |
|---|---|---|---|---|---|---|---|---|---|
| 7 | 7 | 76 | 0.00 | 0.00 | 100.13 | 100.15 | 100.16 | 100.10 | 100.13 |
| 8 | 7 | 76 | 100.10 | 100.04 | 100.10 | 100.19 | 100.21 | 100.02 | 100.11 |
| 9 | 7 | 76 | 100.14 | 100.02 | 100.12 | 100.21 | 100.24 | 100.04 | 100.14 |
| [illegible] | 7 | 76 | 100.14 | 100.10 | 100.10 | 100.17 | 100.19 | 100.04 | 100.13 |
| [illegible] | 7 | 76 | 100.13 | 100.14 | 100.16 | 100.27 | 100.28 | 100.11 | 100.18 |
| 12 | 7 | 76 | 100.23 | 100.23 | 100.19 | 100.27 | 100.29 | 100.17 | 100.23 |
| 13 | 7 | 76 | 100.20 | 100.19 | 100.16 | 100.25 | 100.27 | 100.15 | 100.20 |
| 14 | 7 | 76 | 100.17 | 100.15 | 100.13 | 100.16 | 100.22 | 100.12 | 100.15 |
| 15 | 7 | 76 | 100.11 | 100.06 | 100.06 | 100.12 | 100.16 | 100.06 | 100.09 |
| 16 | 7 | 76 | 100.07 | 100.03 | 100.07 | 100.14 | 100.14 | 100.03 | 100.08 |
| 17 | 7 | 76 | 100.09 | 100.05 | 100.14 | 100.12 | 100.16 | 100.05 | 100.10 |
| 18 | 7 | 76 | 100.09 | 100.07 | 100.11 | 100.12 | 100.14 | 100.06 | 100.10 |
| 19 | 7 | 76 | 100.12 | 100.06 | 100.12 | 100.19 | 100.14 | 100.05 | 100.10 |
| 20 | 7 | 76 | 100.07 | 100.01 | 100.09 | 100.13 | 100.13 | 100.00 | 100.07 |
| 21 | 7 | 76 | 100.12 | 100.06 | 100.14 | 100.19 | 100.20 | 100.04 | 100.13 |
| 22 | 7 | 76 | 100.13 | 100.04 | 100.10 | 100.15 | 100.17 | 100.03 | 100.10 |
| 23 | 7 | 76 | 100.09 | 100.06 | 100.05 | 100.13 | 100.15 | 99.97 | 100.07 |
| 24 | 7 | 76 | 100.06 | 100.03 | 100.09 | 100.14 | 100.21 | 100.01 | 100.09 |
| 25 | 7 | 76 | 100.13 | 100.03 | 100.05 | 100.10 | 100.14 | 100.02 | 100.09 |
| 26 | 7 | 76 | 100.03 | 100.06 | 100.07 | 100.20 | 100.23 | 100.01 | 100.10 |
| 27 | 7 | 76 | 100.15 | 100.14 | 100.11 | 100.19 | 100.23 | 100.03 | 100.15 |
| 28 | 7 | 76 | 100.13 | 100.14 | 100.13 | 100.23 | 100.24 | 100.12 | 100.16 |
| 29 | 7 | 76 | 100.17 | 100.15 | 100.10 | 100.25 | 100.26 | 100.10 | 100.19 |
| 30 | 7 | 76 | 100.17 | 100.15 | 100.17 | 100.22 | 100.21 | 100.15 | 100.18 |
| 31 | 7 | 76 | 100.13 | 100.11 | 100.16 | 100.16 | 100.20 | 100.10 | 100.14 |
| 1 | 8 | 76 | 100.11 | 100.10 | 100.10 | 100.10 | 100.14 | 100.10 | 100.10 |
| 2 | 8 | 76 | 100.10 | 100.10 | 100.12 | 100.14 | 100.15 | 100.10 | 100.11 |
| 3 | 8 | 76 | 100.11 | 100.02 | 100.07 | 0.00 | 100.12 | 100.01 | 100.07 |

| DA | MO | YR | 0600 | 1200 | 1800 | 2400 | MAX | MIN | DAY |
|---|---|---|---|---|---|---|---|---|---|
| 29 | 6 | 76 | 0.00 | 0.00 | 449.17 | 449.14 | 449.19 | 449.09 | 449.15 |
| 30 | 6 | 76 | 449.04 | 448.92 | 449.08 | 448.76 | 449.09 | 448.05 | 449.08 |
| 1 | 7 | 76 | 448.80 | 448.91 | 448.82 | 448.76 | 448.92 | 448.74 | 448.84 |
| 2 | 7 | 76 | 448.86 | 448.83 | 448.79 | 449.00 | 449.03 | 448.76 | 448.87 |
| 3 | 7 | 76 | 448.91 | 448.95 | 449.08 | 449.04 | 449.10 | 448.87 | 448.99 |
| 4 | 7 | 76 | 449.06 | 449.09 | 449.11 | 449.15 | 449.17 | 449.05 | 449.09 |
| 5 | 7 | 76 | 449.18 | 449.06 | 449.04 | 449.17 | 449.21 | 449.02 | 449.11 |
| 6 | 7 | 76 | 449.14 | 449.21 | 449.39 | 449.28 | 449.16 | 449.09 | 449.29 |
| 7 | 7 | 76 | 449.26 | 449.31 | 449.34 | 449.28 | 449.38 | 449.17 | 449.28 |
| 8 | 7 | 76 | 449.27 | 449.36 | 449.31 | 449.45 | 449.63 | 449.17 | 449.35 |
| 9 | 7 | 76 | 449.63 | 449.52 | 449.46 | 449.45 | 449.65 | 449.44 | 449.51 |
| 10 | 7 | 76 | 449.46 | 449.61 | 449.78 | 449.70 | 449.82 | 449.45 | 449.64 |
| 11 | 7 | 76 | 449.71 | 449.78 | 449.72 | 449.77 | 449.89 | 449.67 | 449.75 |
| 12 | 7 | 76 | 449.91 | 449.98 | 449.94 | 450.03 | 450.04 | 449.86 | 449.94 |
| 13 | 7 | 76 | 449.90 | 449.86 | 449.96 | 449.72 | 450.04 | 449.69 | 449.86 |
| 14 | 7 | 76 | 449.82 | 449.84 | 449.74 | 449.74 | 450.06 | 449.69 | 449.78 |
| 15 | 7 | 76 | 449.73 | 449.75 | 449.90 | 449.94 | 449.97 | 449.73 | 449.82 |
| 16 | 7 | 76 | 449.80 | 449.94 | 450.02 | 449.90 | 450.06 | 449.75 | 449.91 |
| 17 | 7 | 76 | 449.93 | 0.00 | 0.00 | 0.00 | 449.93 | 449.93 | 449.91 |

U.S. DEPT. OF INTERIOR
GEOLOGICAL SURVEY
Water Resources Div.
WELL

Inspection of Digital Recorder
STATION P-1
STA. NO.

PERIOD OF RECORD

| | MONTH | DAY | YEAR |
|---|---|---|---|
| FROM | 7 | 17 | 76 |
| TO | 8 | 4 | 76 |

TAPE NO. BEGIN 311
TAPE NO. END 295

INSTRUCTIONS
DATE

(STATION NUMBER)
(DAY) (TIME)

STARTED BY DWB
DATE 7-17-76

| GH | Time |
|---|---|
| OG | WT 1430 |
| IG | CT 30 |
| Tape 80.00 | |
| Dial 80.00 | TT 1830 |
| Meas'd? Yes X No | |
| Tape Indicator 280.00 | |
| Max Min | |

REMOVED BY DWB
DATE 8-4-76

| GH | Time |
|---|---|
| OG | WT 1307 |
| IG | CT 17 |
| Tape 80.33 | |
| Dial 80.33 | TT 1300 |
| Meas'd? Yes X No | |
| Tape Indicator 280.30 | |
| Max Min | |

DATE
BATTERY VOLTAGE
CYCLING TIME SEC
REMARKS
Cont. Remarks on Back

U.S. DEPT. OF INTERIOR
GEOLOGICAL SURVEY
Water Resources Div.
WELL

Inspection of Digital Recorder
STATION P-2
STA. NO. UPPER

PERIOD OF RECORD

| | MONTH | DAY | YEAR |
|---|---|---|---|
| FROM | 7 | 7 | 76 |
| TO | 8 | 3 | 76 |

TAPE NO. BEGIN 165
TAPE NO. END 183

INSTRUCTIONS
DATE

(STATION NUMBER)
(DAY) (TIME)

STARTED BY DWB
DATE 7-7-76

| GH | Time |
|---|---|
| OG | WT 1510 |
| IG | CT 10 |
| Tape 10.10 | |
| Dial 10.10 | TT 1500 |
| Meas'd? Yes X No | |
| Tape Indicator 100.10 | |
| Max Min | |

REMOVED BY DWB
DATE 8-3-76

| GH | Time |
|---|---|
| OG | WT 1435 |
| IG | CT 44 |
| Tape 10.11 | |
| Dial 10.11 | TT 1430 |
| Meas'd? Yes No | |
| Tape Indicator 100.11 | |
| Max Min | |

DATE
BATTERY VOLTAGE
CYCLING TIME SEC
REMARKS ADDED 10' TO DIAL = 110.10 MEAS = 100.10
Cont. Remarks on Back

GEOLOGICAL SURVEY
Water Resources Div.
WELL

Inspection of Digital Recorder
STATION P2 upper
STA. NO.

PERIOD OF RECORD

| | MONTH | DAY | YEAR |
|---|---|---|---|
| FROM | 7 | 7 | 76 |
| TO | 8 | 3 | 76 |

TAPE NO. BEGIN 256
TAPE NO. END 281

N INSTRUCTIONS
DATE

(STATION NUMBER)
(MO) (DAY) (TIME)

STARTED BY D Bowman
DATE 7-7-76

| GH | Time |
|---|---|
| OG | WT 1527 |
| IG | CT 27 |
| Tape 56.94 | |
| Dial 56.94 | TT 1515 |
| Meas'd? Yes X No | |
| Tape Indicator 156.94 | |
| Max Min | |

REMOVED BY DWB
DATE 8-3-76

| GH | Time |
|---|---|
| OG | WT 1446 |
| IG | CT 57 |
| Tape 56.78 | |
| Dial 56.78 | TT 1445 |
| Meas'd? Yes X No | |
| Tape Indicator 157.00 | |
| Max Min | |

DATE
BATTERY VOLTAGE
CYCLING TIME SEC
REMARKS
Cont. Remarks on Back

U.S. DEPT. OF INTERIOR
GEOLOGICAL SURVEY
Water Resources Div.
WELL

Inspection of Digital Recorder
STATION P-3
STA. NO.

PERIOD OF RECORD

| | MONTH | DAY | YEAR |
|---|---|---|---|
| FROM | 6 | 29 | 76 |
| TO | 8 | 4 | 76 |

TAPE NO. BEGIN 392
TAPE NO. END 433

INSTRUCTIONS
DATE

(STATION NUMBER)
(MO) (DAY) (TIME)

STARTED BY D Bowman
DATE 6-29-76

| GH | Time |
|---|---|
| OG | WT 1430 |
| IG | CT 30 |
| Tape | |
| Dial | TT 1430 |
| Meas'd? Yes X No | |
| Tape Indicator 491.80 | |
| Max Min | |

REMOVED BY DWB
DATE 8-4-76

| GH | Time |
|---|---|
| OG | WT 1133 |
| IG | CT 37 |
| Tape 49.93 | |
| Dial 49.93 | TT 0045 |
| Meas'd? Yes X No | |
| Tape Indicator 49 | |
| Max Min | |

DATE
BATTERY VOLTAGE
CYCLING TIME SEC
REMARKS
Cont. Remarks on Back

Date

| GH | Time |
|---|---|
| OG | WT |
| IG | CT |
| Tape | |
| Dial | TT |

Meas'd? Yes ___ No ___

Tape Indicator

Max ___ Min ___

Date

| GH | Time |
|---|---|
| OG | WT |
| IG | CT |
| Tape | |
| Dial | TT |

Meas'd? Yes ___ No ___

Tape Indicator

Max ___ Min ___

INSP'D BY

Date

| GH | Time |
|---|---|
| OG | WT |
| IG | CT |
| Tape | |
| Dial | TT |

Meas'd? Yes ___ No ___

Tape Indicator

Max ___ Min ___

REMARKS (cont'd from Front):

P-1

GPO 1974 678-548

INSP'D BY ___

Date ___

| GH | Time |
|---|---|
| OG | WT |
| IG | CT |
| Tape | |
| Dial | TT |

Meas'd? Yes ___ No ___

Tape Indicator

Max ___ Min ___

INSP'D BY ___

Date ___

| GH | Time |
|---|---|
| OG | WT |
| IG | CT |
| Tape | |
| Dial | TT |

Meas'd? Yes ___ No ___

Tape Indicator

Max ___ Min ___

INSP'D BY ___

Date ___

| GH | Time |
|---|---|
| OG | WT |
| IG | CT |
| Tape | |
| Dial | TT |

Meas'd? Yes ___ No ___

Tape Indicator

Max ___ Min ___

REMARKS (cont'd from Front):

P-2 UPPER

GPO : 1973 O - 506-165

INSP'D BY ___

Date ___

| GH | Time |
|---|---|
| OG | WT |
| IG | CT |
| Tape | |
| Dial | TT |

Meas'd? Yes ___ No ___

Tape Indicator

Max ___ Min ___

INSP'D BY ___

Date ___

| GH | Time |
|---|---|
| OG | WT |
| IG | CT |
| Tape | |
| Dial | TT |

Meas'd? Yes ___ No ___

Tape Indicator

Max ___ Min ___

INSP'D BY ___

Date ___

| GH | Time |
|---|---|
| OG | WT |
| IG | CT |
| Tape | |
| Dial | TT |

Meas'd? Yes ___ No ___

Tape Indicator

Max ___ Min ___

REMARKS (cont'd from Front):

P-2 LOWER

GPO : 1973 O - 506-165

INSP'D BY ___

Date 7-12-76

| GH | Time |
|---|---|
| OG | WT |
| IG | CT |
| Tape | |
| Dial | TT |

Meas'd? Yes ___ No X

Tape Indicator

Max ___ Min ___

INSP'D BY ___

Date ___

| GH | Time |
|---|---|
| OG | WT |
| IG | CT |
| Tape | |
| Dial | TT |

Meas'd? Yes ___ No ___

Tape Indicator

Max ___ Min ___

INSP'D BY ___

Date ___

| GH | Time |
|---|---|
| OG | WT |
| IG | CT |
| Tape | |
| Dial | TT |

Meas'd? Yes ___ No ___

Tape Indicator

Max ___ Min ___

REMARKS (cont'd from Front): 7-12-76 Pressure Gauges Reset To Read Properly Above

8/4 RECORDER WAS SET WRONG 441.8 = 91.80

D-2

WELL

| DA | MO | YR | 0600 | 1200 | 1800 | 2400 | MAX | MIN | DAY |
|---|---|---|---|---|---|---|---|---|---|
| 3 | 6 | 76 | 0.00 | 0.00 | 279.86 | 279.88 | 279.89 | 279.85 | 279.87 |
| 4 | 6 | 76 | 279.86 | 279.78 | 279.79 | 279.79 | 279.87 | 279.77 | 279.80 |
| 5 | 6 | 76 | 279.76 | 279.68 | 279.73 | 279.77 | 279.78 | 279.63 | 279.74 |
| 6 | 6 | 76 | 279.71 | 279.68 | 279.78 | 279.82 | 279.84 | 279.71 | 279.77 |
| 7 | 6 | 76 | 279.77 | 279.75 | 279.81 | 279.83 | 279.83 | 279.74 | 279.80 |
| 8 | 6 | 76 | 279.82 | 279.77 | 279.82 | 279.88 | 279.87 | 279.76 | 279.81 |
| 9 | 6 | 76 | 279.80 | 279.75 | 279.80 | 279.85 | 279.86 | 279.73 | 279.80 |
| 10 | 6 | 76 | 279.85 | 279.84 | 279.95 | 280.03 | 280.05 | 279.83 | 279.92 |
| 11 | 6 | 76 | 279.99 | 279.91 | 279.87 | 279.88 | 280.00 | 279.78 | 279.90 |
| 12 | 6 | 76 | 279.77 | 279.71 | 279.72 | 279.78 | 279.79 | 279.65 | 279.74 |
| 13 | 6 | 76 | 279.78 | 279.81 | 279.86 | 279.76 | 279.83 | 279.66 | 279.80 |
| 14 | 6 | 76 | 279.64 | 279.61 | 279.56 | 279.56 | 279.65 | 279.54 | 279.59 |
| 15 | 6 | 76 | 279.50 | 279.47 | 279.56 | 279.68 | 279.70 | 279.47 | 279.55 |
| 16 | 6 | 76 | 279.75 | 279.93 | 279.86 | 279.84 | 279.87 | 279.70 | 279.82 |
| 17 | 6 | 76 | 279.80 | 279.76 | 279.76 | 279.78 | 279.81 | 279.65 | 279.76 |
| 18 | 6 | 76 | 279.64 | 279.61 | 279.62 | 279.69 | 279.66 | 279.61 | 279.63 |
| 19 | 6 | 76 | 279.57 | 279.52 | 279.57 | 279.57 | 279.68 | 279.50 | 279.58 |
| 20 | 6 | 76 | 279.69 | 279.69 | 279.78 | 279.79 | 279.79 | 279.67 | 279.74 |
| 21 | 6 | 76 | 279.79 | 279.73 | 279.79 | 279.84 | 279.85 | 279.72 | 279.79 |
| 22 | 6 | 76 | 279.83 | 279.75 | 279.78 | 279.73 | 279.83 | 279.68 | 279.77 |
| 23 | 6 | 76 | 279.67 | 279.54 | 279.66 | 279.64 | 279.69 | 279.55 | 279.65 |
| 24 | 6 | 76 | 279.54 | 279.40 | 279.06 | 280.00 | 280.83 | 279.46 | 279.72 |
| 25 | 6 | 76 | 279.93 | 279.90 | 279.81 | 279.78 | 279.97 | 279.77 | 279.86 |
| 26 | 6 | 76 | 279.79 | 279.81 | 279.95 | 279.98 | 279.98 | 279.78 | 279.90 |
| 27 | 6 | 76 | 280.01 | 280.07 | 280.04 | 279.99 | 280.09 | 279.97 | 280.03 |
| 28 | 6 | 76 | 280.05 | 280.09 | 280.05 | 279.95 | 280.10 | 279.94 | 280.04 |
| 29 | 6 | 76 | 279.96 | 279.97 | 279.98 | 279.87 | 279.97 | 279.86 | 279.93 |
| 30 | 6 | 76 | 279.91 | 279.94 | 279.91 | 279.88 | 279.94 | 279.87 | 279.91 |
| 1 | 7 | 76 | 279.90 | 279.92 | 279.88 | 279.81 | 279.92 | 279.83 | 279.88 |
| 2 | 7 | 76 | 279.83 | 279.89 | 279.88 | 279.88 | 279.94 | 279.82 | 279.87 |
| 3 | 7 | 76 | 279.94 | 280.09 | 280.08 | 280.05 | 280.11 | 279.94 | 280.06 |
| 4 | 7 | 76 | 280.08 | 280.15 | 280.09 | 280.05 | 280.15 | 280.04 | 280.09 |
| 5 | 7 | 76 | 280.08 | 280.14 | 280.09 | 280.04 | 280.15 | 280.04 | 280.09 |
| 6 | 7 | 76 | 280.05 | 280.12 | 280.08 | 280.02 | 280.13 | 280.01 | 280.06 |
| 7 | 7 | 76 | 280.04 | 280.09 | 280.04 | 280.02 | 280.10 | 279.99 | 280.05 |
| 8 | 7 | 76 | 280.04 | 280.18 | 280.05 | 280.01 | 280.11 | 280.00 | 280.05 |
| 9 | 7 | 76 | 280.04 | 280.16 | 280.07 | 280.02 | 280.12 | 280.00 | 280.06 |
| 10 | 7 | 76 | 280.07 | 280.13 | 280.12 | 280.10 | 280.16 | 280.07 | 280.11 |
| 11 | 7 | 76 | 280.13 | 280.14 | 280.07 | 280.01 | 280.15 | 280.00 | 280.09 |
| 12 | 7 | 76 | 280.05 | 280.06 | 280.07 | 280.05 | 280.09 | 280.02 | 280.06 |
| 13 | 7 | 76 | 280.12 | 280.16 | 280.15 | 280.11 | 280.16 | 280.10 | 280.14 |
| 14 | 7 | 76 | 280.17 | 280.21 | 280.21 | 280.20 | 280.22 | 280.14 | 280.20 |
| 15 | 7 | 76 | 280.20 | 280.22 | 280.22 | 280.19 | 280.23 | 280.22 | 280.20 |
| 16 | 7 | 76 | 280.21 | 280.27 | 280.23 | 280.19 | 280.29 | 280.20 | 280.22 |
| 17 | 7 | 76 | 280.30 | 280.32 | 280.29 | 280.29 | 280.34 | 280.27 | 280.30 |
| 18 | 7 | 76 | 280.31 | 280.30 | 280.30 | 280.30 | 280.34 | 280.26 | 280.31 |
| 19 | 7 | 76 | 280.30 | 280.15 | 280.04 | 0.00 | 280.16 | 279.10 | 280.31 |

| DA | MO | YR | 0600 | 1200 | 1800 | 2400 | MAX | MIN | DAY |
|---|---|---|---|---|---|---|---|---|---|
| 2 | 6 | 76 | 0.00 | 0.00 | 156.79 | 156.85 | 156.94 | 156.74 | 156.82 |
| 3 | 6 | 76 | 156.82 | 156.81 | 156.84 | 156.88 | 156.89 | 156.79 | 156.83 |
| 4 | 6 | 76 | 156.82 | 156.75 | 156.78 | 156.78 | 156.96 | 156.74 | 156.79 |
| 5 | 6 | 76 | 156.72 | 156.66 | 156.72 | 156.75 | 156.77 | 156.64 | 156.71 |
| 6 | 6 | 76 | 156.75 | 156.67 | 156.76 | 156.78 | 156.81 | 156.65 | 156.73 |
| 7 | 6 | 76 | 156.74 | 156.69 | 156.79 | 156.82 | 156.85 | 156.67 | 156.76 |
| 8 | 6 | 76 | 156.77 | 156.72 | 156.80 | 156.82 | 156.87 | 156.70 | 156.78 |
| 9 | 6 | 76 | 156.75 | 156.69 | 156.78 | 156.82 | 156.85 | 156.67 | 156.76 |
| 10 | 6 | 76 | 156.83 | 156.91 | 156.94 | 157.01 | 157.06 | 156.79 | 156.89 |
| 11 | 6 | 76 | 156.93 | 156.86 | 156.90 | 156.92 | 156.94 | 156.76 | 156.87 |
| 12 | 6 | 76 | 156.75 | 156.69 | 156.73 | 156.80 | 156.82 | 156.67 | 156.74 |
| 13 | 6 | 76 | 156.80 | 156.83 | 156.87 | 156.74 | 156.90 | 156.63 | 156.81 |
| 14 | 6 | 76 | 156.52 | 156.57 | 156.55 | 156.55 | 156.61 | 156.50 | 156.56 |
| 15 | 6 | 76 | 156.47 | 156.47 | 156.56 | 156.71 | 156.72 | 156.40 | 156.55 |
| 16 | 6 | 76 | 156.75 | 156.84 | 156.86 | 156.84 | 156.89 | 156.72 | 156.82 |
| 17 | 6 | 76 | 156.76 | 156.72 | 156.70 | 156.66 | 156.88 | 156.62 | 156.72 |
| 18 | 6 | 76 | 156.64 | 156.56 | 156.58 | 156.58 | 156.67 | 156.35 | 156.58 |
| 19 | 6 | 76 | 156.53 | 156.48 | 156.56 | 156.67 | 156.67 | 156.47 | 156.56 |
| 20 | 6 | 76 | 156.67 | 156.66 | 156.75 | 156.84 | 156.85 | 156.62 | 156.74 |
| 21 | 6 | 76 | 156.70 | 156.72 | 156.88 | 156.87 | 156.89 | 156.70 | 156.80 |
| 22 | 6 | 76 | 156.80 | 156.77 | 156.86 | 156.77 | 156.89 | 156.72 | 156.81 |
| 23 | 6 | 76 | 156.72 | 156.65 | 156.72 | 156.67 | 156.76 | 156.59 | 156.69 |
| 24 | 6 | 76 | 156.58 | 156.53 | 156.62 | 156.68 | 156.72 | 156.51 | 156.60 |
| 25 | 6 | 76 | 156.66 | 156.67 | 156.80 | 156.94 | 156.52 | 156.64 | 156.76 |
| 26 | 6 | 76 | 156.42 | 156.65 | 156.60 | 156.57 | 156.46 | 156.39 | 156.69 |
| 27 | 6 | 76 | 156.58 | 156.51 | 156.55 | 156.52 | 156.60 | 156.40 | 156.56 |
| 28 | 6 | 76 | 156.54 | 156.48 | 156.53 | 156.64 | 156.66 | 156.46 | 156.55 |
| 29 | 6 | 76 | 156.61 | 156.68 | 156.66 | 156.75 | 156.77 | 156.59 | 156.65 |
| 30 | 6 | 76 | 156.67 | 156.66 | 156.68 | 156.75 | 156.75 | 156.65 | 156.69 |
| 1 | 7 | 76 | 156.70 | 156.70 | 156.75 | 156.74 | 156.83 | 156.69 | 156.75 |
| 2 | 7 | 76 | 156.73 | 156.75 | 156.78 | 156.74 | 156.82 | 156.73 | 156.78 |
| 3 | 7 | 76 | 156.66 | 156.57 | 156.60 | 156.60 | 156.77 | 156.56 | 156.62 |
| 4 | 7 | 76 | 156.59 | 156.52 | 156.60 | 156.65 | 156.66 | 156.51 | 156.59 |
| 5 | 7 | 76 | 156.59 | 156.52 | 156.61 | 156.66 | 156.67 | 156.58 | 156.60 |
| 6 | 7 | 76 | 156.63 | 156.56 | 156.65 | 156.64 | 156.71 | 156.54 | 156.63 |
| 7 | 7 | 76 | 156.67 | 156.68 | 156.66 | 0.00 | 156.70 | 156.59 | 156.63 |

QUELL

| DA | MO | YR | 0600 | 1200 | 1800 | 2400 | MAX | MIN | DAY |
|---|---|---|---|---|---|---|---|---|---|
| 2 | 6 | 76 | 0.00 | 0.00 | 100.09 | 100.15 | 100.15 | 100.07 | 100.12 |
| 3 | 6 | 76 | 100.14 | 100.13 | 100.14 | 100.16 | 100.16 | 100.13 | 100.14 |
| 4 | 6 | 76 | 100.15 | 100.09 | 100.10 | 100.15 | 100.16 | 100.08 | 100.11 |
| 5 | 6 | 76 | 100.08 | 100.01 | 100.07 | 100.10 | 100.10 | 100.03 | 100.06 |
| 6 | 6 | 76 | 100.08 | 100.01 | 100.09 | 100.11 | 100.13 | 100.00 | 100.07 |
| 7 | 6 | 76 | 100.10 | 100.02 | 100.12 | 100.14 | 100.15 | 100.05 | 100.09 |
| 8 | 6 | 76 | 100.12 | 100.06 | 100.11 | 100.16 | 100.18 | 100.04 | 100.11 |
| 9 | 6 | 76 | 100.11 | 100.04 | 100.09 | 100.17 | 100.18 | 100.01 | 100.10 |
| 10 | 6 | 76 | 100.15 | 100.13 | 100.21 | 100.32 | 100.36 | 100.16 | 100.20 |
| 11 | 6 | 76 | 100.24 | 100.18 | 100.13 | 100.16 | 100.25 | 100.11 | 100.18 |
| 12 | 6 | 76 | 100.11 | 100.06 | 100.03 | 100.14 | 100.14 | 100.03 | 100.08 |
| 13 | 6 | 76 | 100.13 | 100.15 | 100.14 | 100.08 | 100.16 | 100.01 | 100.13 |
| 14 | 6 | 76 | 99.95 | 99.94 | 99.90 | 99.92 | 100.02 | 99.84 | 99.93 |
| 15 | 6 | 76 | 99.97 | 99.86 | 99.91 | 100.04 | 100.06 | 99.84 | 99.92 |
| 16 | 6 | 76 | 100.05 | 100.14 | 100.15 | 100.14 | 100.16 | 100.04 | 100.13 |
| 17 | 6 | 76 | 100.11 | 100.07 | 100.05 | 100.00 | 100.11 | 99.94 | 100.06 |
| 18 | 6 | 76 | 99.90 | 99.91 | 99.92 | 99.92 | 99.95 | 99.91 | 99.93 |
| 19 | 6 | 76 | 99.90 | 99.84 | 99.92 | 99.98 | 99.99 | 99.83 | 99.91 |
| 20 | 6 | 76 | 99.99 | 99.97 | 100.03 | 100.12 | 100.12 | 99.96 | 100.04 |
| 21 | 6 | 76 | 100.10 | 100.02 | 100.10 | 100.16 | 100.16 | 100.01 | 100.10 |
| 22 | 6 | 76 | 100.14 | 100.06 | 100.13 | 100.11 | 100.16 | 100.04 | 100.12 |
| 23 | 6 | 76 | 100.07 | 100.00 | 100.05 | 100.03 | 100.11 | 99.99 | 100.04 |
| 24 | 6 | 76 | 99.94 | 99.89 | 99.97 | 100.05 | 100.06 | 99.87 | 99.96 |
| 25 | 6 | 76 | 100.02 | 100.03 | 100.11 | 100.23 | 100.23 | 100.01 | 100.10 |
| 26 | 6 | 76 | 100.10 | 100.09 | 106.46 | 111.18 | 111.43 | 97.10 | 104.45 |
| 27 | 6 | 76 | 111.72 | 111.97 | 112.10 | 112.41 | 112.42 | 111.51 | 112.07 |
| 28 | 6 | 76 | 112.42 | 112.45 | 112.54 | 112.74 | 112.75 | 112.47 | 112.54 |
| 29 | 6 | 76 | 112.70 | 112.79 | 112.84 | 112.90 | 112.99 | 112.76 | 112.84 |
| 30 | 6 | 76 | 112.96 | 112.97 | 113.00 | 113.07 | 113.09 | 112.95 | 113.00 |
| 1 | 7 | 76 | 113.00 | 113.05 | 113.13 | 113.24 | 113.26 | 113.07 | 113.13 |
| 2 | 7 | 76 | 113.22 | 113.22 | 113.23 | 113.22 | 113.25 | 113.19 | 113.23 |
| 3 | 7 | 76 | 113.18 | 113.18 | 113.15 | 113.19 | 113.26 | 113.04 | 113.15 |
| 4 | 7 | 76 | 113.16 | 113.10 | 113.20 | 113.22 | 113.23 | 113.07 | 113.17 |
| 5 | 7 | 76 | 113.21 | 113.11 | 113.24 | 113.26 | 113.28 | 113.10 | 113.21 |
| 6 | 7 | 76 | 113.20 | 113.17 | 113.29 | 113.32 | 113.35 | 113.16 | 113.26 |
| 7 | 7 | 76 | 113.31 | 113.24 | 113.31 | 0.00 | 113.36 | 113.22 | 113.28 |

WELL

| DA | MO | YR | 0600 | 1200 | 1800 | 2400 | MAX | MIN | DAY |
|---|---|---|---|---|---|---|---|---|---|
| 3 | 5 | 76 | 0.00 | 0.00 | 494.51 | 494.51 | 494.51 | 494.48 | 494.51 |
| 4 | 5 | 76 | 494.48 | 494.45 | 494.58 | 467.78 | 494.69 | 467.78 | 492.86 |
| 5 | 5 | 76 | 467.78 | 467.78 | 467.78 | 467.78 | 467.78 | 467.78 | 467.78 |
| 6 | 5 | 76 | 467.78 | 467.78 | 467.78 | 467.78 | 467.78 | 467.78 | 467.78 |
| 7 | 5 | 76 | 467.78 | 467.78 | 467.78 | 467.78 | 467.78 | 467.78 | 467.78 |
| 8 | 5 | 76 | 467.78 | 467.78 | 467.78 | 467.78 | 467.78 | 467.78 | 467.78 |
| 9 | 5 | 76 | 467.78 | 467.78 | 467.78 | 467.78 | 467.78 | 467.78 | 467.78 |
| 10 | 5 | 76 | 467.78 | 467.78 | 467.78 | 467.78 | 467.78 | 467.78 | 467.78 |
| 11 | 5 | 76 | 467.78 | 467.78 | 467.78 | 467.78 | 467.78 | 467.78 | 467.78 |
| 12 | 5 | 76 | 467.76 | 467.76 | 467.76 | 467.76 | 467.76 | 467.76 | 467.77 |
| 13 | 5 | 76 | 467.76 | 467.76 | 0.00 | 0.00 | 467.76 | 467.76 | 467.76 |

U.S. DEPT. OF INTERIOR
GEOLOGICAL SURVEY
Water Resources Div.
WELL
Inspection of Digital Recorder
STATION D-1
NO.

PERIOD OF RECORD

| | MONTH | DAY | YEAR |
|---|---|---|---|
| FROM | 6 | 3 | 76 |
| TO | 7 | 17 | 76 |

TAPE NO. BEGIN 3600
TAPE NO. END 314

DATE
BATTERY VOLTAGE
CYCLING TIME SEC
REMARKS
Cont. Remarks on Back

STARTED BY [illegible]
DATE 6-3-76

REMOVED BY D Bowman
DATE 7-19-76

| GH | | Time | |
|---|---|---|---|
| OG | | WT | 1307 |
| IG | | CT | 07 |
| Tape | 77.85 | | |
| Dial | 77.85 | TT | 1300 |

Meas'd? Yes ___ No ___
Tape Indicator MEAS = 279.85
Max ___ Min ___

| GH | | Time | |
|---|---|---|---|
| OG | | WT | 1307 |
| IG | | CT | 16 |
| Tape | 80.34 | | |
| Dial | 80.34 | TT | 1315 |

Meas'd? Yes X No ___
Tape Indicator MEAS = 280.00
Max ___ Min ___

(STATION NUMBER)
(MO) (DAY) (TIME)

U.S. DEPT. OF INTERIOR
GEOLOGICAL SURVEY
Water Resources Div.
WELL
Inspection of Digital Recorder
STATION DQ LOWER
STA. NO.

PERIOD OF RECORD

| | MONTH | DAY | YEAR |
|---|---|---|---|
| FROM | 6 | 2 | 76 |
| TO | 7 | 7 | 76 |

TAPE NO. BEGIN 244
TAPE NO. END 259

DATE
BATTERY VOLTAGE
CYCLING TIME SEC
REMARKS
Cont. Remarks on Back

STARTED BY D Bowman
DATE 6-2-76

REMOVED BY DWB
DATE 7-7-76

| GH | | Time | |
|---|---|---|---|
| OG | | WT | 1323 |
| IG | | CT | 21 |
| Tape | 56.73 | | |
| Dial | 56.73 | TT | 1315 |

Meas'd? Yes X No ___
Tape Indicator 56.73
Max ___ Min ___
CORE = 156.77

| GH | | Time | |
|---|---|---|---|
| OG | | WT | 1516 |
| IG | | CT | 32 |
| Tape | 56.70 | | |
| Dial | 56.70 | TT | 1530 |

Meas'd? Yes X No ___
Tape Indicator
Max ___ Min ___
TAPE # 259

(STATION NUMBER)
(DAY) (TIME)

U.S. DEPT. OF INTERIOR
GEOLOGICAL SURVEY
Water Resources Div.
WELL
Inspection of Digital Recorder
STATION DQ UPPER
STA. NO.

PERIOD OF RECORD

| | MONTH | DAY | YEAR |
|---|---|---|---|
| FROM | 6 | 2 | 76 |
| TO | 7 | 7 | 76 |

TAPE NO. BEGIN 260
TAPE NO. END 158

DATE
BATTERY VOLTAGE
CYCLING TIME SEC
REMARKS 6/2 RF
7/7 BEAD OUT OF HOLE DIAL = 2331
MOVED TO HOLE DIAL = 2335
Cont. Remarks on Back

STARTED BY D Bowman
DATE 6-2-76

REMOVED BY D Bowman
DATE 7-7-76

| GH | | Time | |
|---|---|---|---|
| OG | | WT | 1342 |
| IG | | CT | 42 |
| Tape | 10.07 | | |
| Dial | 10.07 | TT | 1330 |

Meas'd? Yes ___ No ___
Tape Indicator MEAS = 100.07
Max ___ Min ___
CORE 98.55

| GH | | Time | |
|---|---|---|---|
| OG | | WT | 1505 |
| IG | | CT | 23 |
| Tape | 2.331 | | |
| Dial | 2.331 | TT | 1500 |

Meas'd? Yes ___ No ___
Tape Indicator 100.10
Max ___ Min ___

(STATION NUMBER)
(DAY) (TIME)

U.S. DEPT. OF INTERIOR
GEOLOGICAL SURVEY
Water Resources Div.
WELL
Inspection of Digital Recorder
STATION P3
STA. NO. P-3

PERIOD OF RECORD

| | MONTH | DAY | YEAR |
|---|---|---|---|
| FROM | 5 | 3 | 76 |
| TO | 5 | 13 | 76 |

TAPE NO. BEGIN 405
TAPE NO. END 395

DATE
BATTERY VOLTAGE
CYCLING TIME SEC
REMARKS
Cont. Remarks on Back

STARTED BY JSL
DATE 5-3-76

REMOVED BY ✓
DATE 5-13-76

| GH | | Time | |
|---|---|---|---|
| OG | | WT | 1805 |
| IG | | CT | 05 |
| Tape | 94.51 | | |
| Dial | 94.51 | TT | 1800 |

Meas'd? Yes ___ No ___
Tape Indicator 494.47
Max ___ Min ___

| GH | | Time | |
|---|---|---|---|
| OG | | WT | 1745 |
| IG | | CT | |
| Tape | 467.76 | | |
| Dial | | TT | |

Meas'd? Yes ___ No ___
Tape Indicator
Max ___ Min ___

(STATION NUMBER)
(DAY) (TIME)

| INSP'D BY JSL CL | INSP'D BY DWB WBM | INSP'D BY WBM |
|---|---|---|
| Date 6-10-76 | Date 6-24-76 | Date 6/24/76 |
| GH: OG BP#353 | GH: OG | GH: OG |
| Time: WT 1011 | Time: WT 1240 | Time: WT 1506 |
| IG | IG | IG |
| CT -10 | CT 41 | CT 08 |
| Tape 72.29 | Tape 79.47 | Tape |
| Dial 74.87 | Dial 79.47 | Dial |
| TT 1000 | TT 1230 | TT 1500 |
| Meas'd? Yes ___ No ___ | Meas'd? Yes ✓ No ___ | Meas'd? Yes ✓ No ___ |
| Tape Indicator | Tape Indicator | Tape Indicator |
| Max ___ Min ___ | Max ___ Min ___ | Max ___ Min ___ |
| CORE - 276.25 | CORE 280.34 | CORE 280.90 |

REMARKS (cont'd from Front): [illegible] Recorder [illegible]

P-1

GPO : 1973 O - 506-165

| INSP'D BY JSL CL | INSP'D BY WBM | INSP'D BY WBM |
|---|---|---|
| Date 06-10-76 | Date 6/26/76 | Date 6/26/76 |
| GH: OG | GH: OG | GH: OG |
| Time: WT 1051 | Time: WT 1149 | Time: WT 1415 |
| IG | IG | IG |
| CT -56 | CT 1202 | CT 28 |
| Tape 56.50 | Tape 56.59 | Tape 56.59 |
| Dial 56.00 | Dial 56.58 | Dial 56.60 |
| TT 1045 | TT 1200 | TT 1415 |
| Meas'd? Yes ___ No ___ | Meas'd? Yes ✓ No ___ | Meas'd? Yes ___ No ___ |
| Tape Indicator CORE = 156.55 | Tape Indicator MEAS. 156.43' | Tape Indicator 156.92' |
| Max ___ Min ___ | Max ___ Min ___ | Max ___ Min ___ |
| Tape # 3B 266 | | |

REMARKS (cont'd from Front): 6/26 PUMP SAMPLE TAKEN

P-2 LOWER

GPO : 1973 O - 506-165

| INSP'D BY JSL CL | INSP'D BY WBM | INSP'D BY WBM |
|---|---|---|
| Date 06-10-76 | Date 6-26-76 | Date 6/26/76 |
| GH: OG | GH: OG | GH: OG |
| Time: WT 1051 | Time: WT 1102 | Time: WT 1345 |
| IG | IG | IG |
| CT -56 | CT 1115 | CT 1357 |
| Tape 10.11 | Tape 09.94 | Tape 07.20 |
| Dial 10.10 | Dial 09.87 | Dial 07.15 |
| TT 1030 | TT 1100 | TT 1300 |
| Meas'd? Yes ___ No ___ | Meas'd? Yes ___ No ___ | Meas'd? Yes ___ No ___ |
| Tape Indicator CORE = 10.62 | Tape Indicator MEAS. 10.23' | Tape Indicator 10.15' |
| Max ___ Min ___ | Max ___ Min ___ | Max ___ Min ___ |
| Tape # 195 | | |

REMARKS (cont'd from Front): 6/26 PUMP SAMPLE TAKEN, PUMPED 30 MIN, RESET JUST BEFORE 1345 TT PUNCHED. REALIZED AFTERWARD THAT DIAL SHOULD HAVE BEEN ADVANCED .10', MADE CORRECTION TO 12.10 BEFORE 1400 TT PUNCHED.

P-2 UPPER

GPO : 1973 O - 506-165

| INSP'D BY JSL | INSP'D BY | INSP'D BY |
|---|---|---|
| Date 5-11 | Date | Date |
| GH: OG | GH: OG | GH: OG |
| Time: WT 1300 | Time: WT | Time: WT |
| IG | IG | IG |
| CT -65 | CT | CT |
| Tape | Tape | Tape |
| Dial 494.37 | Dial | Dial |
| TT 1300 | TT | TT |
| Meas'd? Yes ___ No ___ | Meas'd? Yes ___ No ___ | Meas'd? Yes ___ No ___ |
| Tape Indicator | Tape Indicator | Tape Indicator |
| Max ___ Min ___ | Max ___ Min ___ | Max ___ Min ___ |

REMARKS (cont'd from Front): 5-11-76 Found Shot + weight gone — about 200' of cable left. Measured 494.37 Recorder not hooked up to anything now. Could not fish other cable etc up.
6-26-76 FLOAT & CABLE RE-INSTALLED, EST RECORDER HAS BROKEN PLASTIC TOOTH & SPRING [illegible]

QBZ #8

Hayden Phillips
Rec'd 6/28/76

GROUNDWATER--P 2 LOWER

| DA | MO | YR | 0800 | 1200 | 1500 | LOW | MAX | MIN | DAY |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 54.71 = 157.41 |
| 3 | 5 | 76 | 0.00 | 0.00 | 0.00 | 55.24 | 57.43 | 7.41 | 55.24 157.41 |
| 4 | 5 | 76 | 57.37 | 57.37 | 57.43 | 57.47 | 57.48 | 57.36 | 57.41 |
| 5 | 5 | 76 | 57.44 | 57.44 | 57.49 | 57.50 | 57.50 | 57.42 | 57.46 |
| 6 | 5 | 76 | 57.42 | 57.35 | 57.29 | 57.28 | 57.45 | 57.25 | 57.34 |
| 7 | 5 | 76 | 57.24 | 57.18 | 57.22 | 57.21 | 57.26 | 57.17 | 57.21 |
| 8 | 5 | 76 | 57.21 | 57.18 | 57.26 | 57.26 | 57.29 | 57.17 | 57.23 |
| 9 | 5 | 76 | 57.27 | 57.21 | 57.26 | 57.14 | 57.28 | 57.15 | 57.23 |
| 10 | 5 | 76 | 57.17 | 57.11 | 57.21 | 57.23 | 57.26 | 57.09 | 57.18 |
| 11 | 5 | 76 | 57.24 | 57.24 | 57.31 | 57.16 | 57.36 | 57.17 | 57.26 |
| 12 | 5 | 76 | 57.15 | 57.05 | 57.08 | 57.12 | 57.17 | 57.01 157.05 | 57.10 |
| 13 | 5 | 76 | 57.07 | 57.07 | 57.47 | 57.27 | 57.29 | 57.05 | 57.14 |
| 14 | 5 | 76 | 57.28 | 57.28 | 57.40 | 57.32 | 57.54 | 57.24 | 57.37 |
| 15 | 5 | 76 | 57.34 | 57.27 | 57.16 | 57.16 | 57.52 | 57.11 | 57.26 |
| 16 | 5 | 76 | 57.09 | 57.08 | 57.12 | 57.13 | 57.24 | 57.07 | 57.13 |
| 17 | 5 | 76 | 57.19 | 57.18 | 57.36 | 57.37 | 57.36 | 57.18 | 57.25 |
| 18 | 5 | 76 | 57.35 | 57.35 | 57.42 | 57.45 | 57.48 | 57.34 | 57.40 |
| 19 | 5 | 76 | 57.42 | 57.38 | 57.39 | 57.41 | 57.44 | 57.33 | 57.40 |
| 20 | 5 | 76 | 57.46 | 57.30 157.31 | 57.32 | 57.32 | 57.43 | 57.29 | 57.33 |
| 21 | 5 | 76 | 57.30 | 57.27 | 57.30 | 57.33 | 57.31 | 57.26 | 57.29 |
| 22 | 5 | 76 | 57.32 | 57.31 | 57.37 | 57.34 | 57.39 | 57.29 | 57.33 |
| 23 | 5 | 76 | 57.35 | 57.30 | 57.39 | 57.31 | 57.42 | 57.28 | 57.36 |
| 24 | 5 | 76 | 57.33 | 57.32 | 57.43 | 57.43 | 57.47 | 57.30 | 57.38 |
| 25 | 5 | 76 | 57.45 | 57.42 | 57.49 | 57.42 | 57.52 | 57.35 157.19 | 57.45 |
| 26 | 5 | 76 | 57.32 | 57.21 | 57.26 | 57.23 | 57.31 | 57.18 | 57.27 |
| 27 | 5 | 76 | 57.23 | 57.19 | 57.32 | 57.41 | 57.42 | 57.17 | 57.29 |
| 28 | 5 | 76 | 57.42 | 57.42 | 57.53 | 57.50 | 57.62 | 57.39 | 57.49 |
| 29 | 5 | 76 | 57.54 | 57.47 | 57.51 | 57.32 | 57.56 | 57.43 | 57.51 |
| 30 | 5 | 76 | 57.47 | 57.45 | 57.49 | 57.47 | 57.51 | 57.42 | 57.47 |
| 31 | 5 | 76 | 57.41 | 57.35 | 57.38 | 57.33 | 57.44 | 57.24 | 57.39 |
| 1 | 6 | 76 | 57.46 | 57.32 | 57.37 | 57.42 | 57.43 | 57.31 | 57.37 |

READS DIRECT

GROUNDWATER--P 2 UPPER

| DA | MO | YR | 0600 | 1200 | 1800 | 2400 | MAX | MIN | DAY | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 104.08 | | |
| 3 | 5 | 76 | 0.00 | 0.00 | 0.00 | 14.16 | 14.16 | 14.14 | 14.16 | 104.2 |
| 4 | 5 | 76 | 14.19 | 14.15 | 14.16 | 14.19 | 14.19 | 14.15 | 14.16 | 104.2 |
| 5 | 5 | 76 | 14.20 | 14.18 | 14.19 | 14.20 | 14.20 | 14.18 | 14.19 | 104.2 |
| 6 | 5 | 76 | 14.19 | 14.13 | 14.07 | 14.05 | 14.20 | 14.05 | 14.11 | 104.1 |
| 7 | 5 | 76 | 14.05 | 13.99 | 14.00 | 14.01 | 14.05 | 13.98 | 14.01 | 104.0 |
| 8 | 5 | 76 | 14.01 | 13.98 | 14.03 | 14.05 | 14.06 | 13.97 | 14.02 | 104.0 |
| 9 | 5 | 76 | 14.06 | 14.01 | 14.02 | 14.99 | 14.07 | 13.95 | 14.02 | " |
| 10 | 5 | 76 | 13.97 | 13.91 | 13.97 | 14.03 | 14.04 | 13.80 | 13.97 | " |
| 11 | 5 | 76 | 14.01 | 14.02 | 14.03 | 14.05 | 14.08 | 13.96 | 14.03 | " |
| 12 | 5 | 76 | 13.[illegible] 103.86 | 13.87 | 13.85 | 13.95 | 13.98 | 13.79 | 13.90 | 103.9 |
| 13 | 5 | 76 | 13.87 | 13.88 | 13.90 | 14.04 | 14.04 | 13.84 | 13.92 | 103.9 |
| 14 | 5 | 76 | 14.02 | 14.03 | 14.05 | 14.08 | 14.08 | 14.02 | 14.05 | 104.0 |
| 15 | 5 | 76 | 14.08 | 14.04 | 13.92 | 13.95 | 14.08 | 13.90 | 14.00 | 104.0 |
| 16 | 5 | 76 | 13.89 | 13.88 | 13.88 | 13.90 | 13.90 | 13.87 | 13.91 | 103.9 |
| 17 | 5 | 76 | 13.97 | 13.96 | 13.98 | 14.06 | 14.08 | 13.96 | 13.99 | 104.0 |
| 18 | 5 | 76 | 14.06 | 14.07 | 14.09 | 14.08 | 14.08 | 14.07 | 14.08 | 104.1 |
| 19 | 5 | 76 | 14.08 | 14.08 | 14.08 | 14.08 | 14.08 | 14.07 | 14.08 | 104.1 |
| 20 | 5 | 76 | 14.08 103.94 | 14.04 | 14.05 | 14.05 | 14.06 | 14.04 | 14.06 | 104.1 |
| 21 | 5 | 76 | 14.05 | 14.01 | 14.01 | 14.02 | 14.05 | 14.00 | 14.02 | 104.0 |
| 22 | 5 | 76 | 14.03 | 14.02 | 14.04 | 14.06 | 14.09 | 14.02 | 14.03 | 104.0 |
| 23 | 5 | 76 | 14.04 | 14.01 | 14.03 | 14.05 | 14.05 | 14.00 | 14.03 | 104.0 |
| 24 | 5 | 76 | 14.04 | 14.03 | 14.07 | 14.11 | 14.11 | 14.02 | 14.06 | 104.1 |
| 25 | 5 | 76 | 14.11 | 14.11 103.90 | 14.11 | 14.10 | 14.11 | 14.05 | 14.11 | 104.1 |
| 26 | 5 | 76 | 14.04 | 13.93 | 13.98 | 14.00 | 14.05 | 13.80 | 13.98 | 104.0 |
| 27 | 5 | 76 | 13.95 | 13.92 | 13.97 | 14.05 | 14.05 | 13.90 | 13.97 | 104.0 |
| 28 | 5 | 76 | 14.05 | 14.06 | 14.08 | 14.08 | 14.09 | 14.05 | 14.07 | 104.1 |
| 29 | 5 | 76 | 14.08 | 14.08 | 14.09 | 14.08 | 14.09 | 14.08 | 14.08 | 104.1 |
| 30 | 5 | 76 | 14.08 | 14.03 | 14.08 | 14.08 | 14.09 | 14.08 | 14.08 | 104.1 |
| 31 | 5 | 76 | 14.08 | 14.06 | 14.04 | 14.00 | 14.02 | 14.04 | 14.06 | 104.1 |
| 1 | 6 | 76 | 14.06 | 14.04 | 14.03 | 14.07 | 14.08 | 14.03 | 14.05 | 104.1 |

6/2 1402 = 100.7

P 1 ——— P 1

Groundwater

| DA | MO | YR | 0600 | 1200 | 1800 | 2400 | MAX | MIN | DAY | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 279.12 | | |
| 3 | 5 | 76 | 0:00 | 0.00 | 79.13 | 79.14 | 79.14 | 79.13 | 79.14 | 279.1 |
| 4 | 5 | 76 | 79.12 | 79.12 | 79.13 | 79.14 | 79.14 | 79.12 | 79.13 | |
| 5 | 5 | 76 | 79.14 | 79.13 | 79.14 | 79.14 | 79.14 | 79.13 | 79.14 | |
| 6 | 5 | 76 | 79.12 | 79.09 | 78.95 | 78.92 | 79.13 | 78.90 | 79.00 | |
| 7 | 5 | 76 | 78.89 | 78.84 | 78.85 | 78.87 | 78.90 | 78.82 | 78.86 | |
| 8 | 5 | 76 | 78.82 | 78.86 | 78.91 | 78.93 | 78.94 | 78.85 | 78.89 | |
| 9 | 5 | 76 | 78.90 | 78.89 | 78.91 | 78.88 | 78.94 | 78.84 | 78.90 | |
| 10 | 5 | 76 | 78.85 | 78.80 | 78.87 | 78.91 | 78.92 | 78.79 | 78.86 | |
| 11 | 5 | 76 | 78.92 | 78.94 | 78.98 | 78.95 | 79.01 | 78.85 | 278.95 | |
| 12 | 5 | 76 | 78.86 | 78.78 | 78.80 | 78.94 | 78.88 | 78.78 | 78.82 | |
| 13 | 5 | 76 | 78.88 | 78.81 | 78.88 | 78.98 | 78.95 | 78.79 | 78.87 | |
| 14 | 5 | 76 | 78.99 | 79.01 | 79.10 | 79.19 | 79.19 | 78.98 | 79.07 | |
| 15 | 5 | 76 | 79.17 | 79.03 | 78.93 | 78.89 | 79.13 | 78.84 | 79.00 | |
| 16 | 5 | 76 | 78.82 | 78.91 | 78.84 | 78.90 | 78.94 | 78.80 | 78.85 | |
| 17 | 5 | 76 | 78.92 | 78.92 | 78.97 | 79.06 | 79.07 | 78.91 | 78.97 | Read |
| 18 | 5 | 76 | 79.08 | 79.07 | 79.13 | 79.16 | 79.17 | 79.06 | 79.11 | direct |
| [illegible] | 5 | 76 | 79.15 | 79.09 | 79.07 | 79.08 | 79.15 | 78.94 | 279.9 79.10 | |
| 20 | 5 | 76 | 79.04 | 78.98 | 78.98 | 78.98 | 79.06 | 78.92 | 79.00 | |
| 21 | 5 | 76 | 78.97 | 78.94 | 78.94 | 78.95 | 78.97 | 78.93 | 78.95 | |
| 22 | 5 | 76 | 78.97 | 78.98 | 79.01 | 79.09 | 79.09 | 78.95 | 78.99 | |
| 23 | 5 | 76 | 79.00 | 78.96 | 79.00 | 79.02 | 79.04 | 78.95 | 79.00 | |
| 24 | 5 | 76 | 78.99 | 78.97 | 79.05 | 79.06 | 79.09 | 78.96 | 79.02 | |
| 25 | 5 | 76 | 79.08 | 79.07 | 79.12 | 79.06 | 79.15 | 78.88 | 279.1 79.08 | |
| 26 | 5 | 76 | 78.96 | 78.85 | 78.85 | 78.89 | 78.99 | 78.82 | 78.89 | |
| 27 | 5 | 76 | 78.85 | 78.92 | 78.92 | 79.01 | 79.01 | 78.82 | 78.90 | |
| 28 | 5 | 76 | 79.03 | 79.05 | 79.12 | 79.18 | 79.18 | 79.01 | 79.10 | |
| 29 | 5 | 76 | 79.16 | 79.14 | 79.15 | 79.14 | 79.17 | 79.07 | 79.15 | |
| 30 | 5 | 76 | 79.07 | 79.06 | 79.06 | 79.04 | 79.08 | 79.01 | 79.06 | |
| 31 | 5 | 76 | 79.00 | 78.94 | 78.95 | 78.98 | 79.01 | 78.93 | 78.97 | |
| 1 | 6 | 76 | 78.95 | 78.91 | 78.92 | 78.97 | 78.98 | 78.90 | 78.94 | |
| 2 | 6 | 76 | 78.94 | 78.91 | 78.95 | 79.01 | 79.03 | 78.90 | 78.95 | |

OBZ#2

Hayden Phillips
Rec'd 6/28/76

GROUNDWATER--P 2 LOWER

| DA | MO | YR | 0600 | 1200 | 1800 | LOW | MAX | MIN | DAY |
|---|---|---|---|---|---|---|---|---|---|
| 3 | 5 | 76 | 0.00 | 0.00 | 0.00 | 55.24 | 57.43 | 7.41 | 55.24 |
| 4 | 5 | 76 | 57.37 | 57.37 | 57.43 | 57.47 | 57.48 | 57.36 | 57.41 |
| 5 | 5 | 76 | 57.44 | 57.44 | 57.49 | 57.48 | 57.50 | 57.44 | 57.46 |
| 6 | 5 | 76 | 57.42 | 57.35 | 57.33 | 57.28 | 57.45 | 57.26 | 57.34 |
| 7 | 5 | 76 | 57.24 | 57.18 | 57.22 | 57.21 | 57.26 | 57.17 | 57.21 |
| 8 | 5 | 76 | 57.21 | 57.18 | 57.26 | 57.26 | 57.29 | 57.17 | 57.23 |
| 9 | 5 | 76 | 57.27 | 57.21 | 57.26 | 57.19 | 57.28 | 57.15 | 57.23 |
| 10 | 5 | 76 | 57.17 | 57.11 | 57.21 | 57.23 | 57.26 | 57.09 | 57.18 |
| 11 | 5 | 76 | 57.24 | 57.24 | 57.31 | 57.26 | 57.36 | 57.17 | 57.26 |
| 12 | 5 | 76 | 57.15 | 57.05 | 57.08 | 57.12 | 57.17 | 57.01 | 57.10 |
| 13 | 5 | 76 | 57.07 | 57.07 | 57.17 | 57.27 | 57.29 | 57.05 | 57.14 |
| 14 | 5 | 76 | 57.25 | 57.28 | 57.40 | 57.52 | 57.54 | 57.24 | 57.37 |
| 15 | 5 | 76 | 57.14 | 57.27 | 57.18 | 57.16 | 57.52 | 57.11 | 57.26 |
| 16 | 5 | 76 | 57.09 | 57.08 | 57.12 | 57.23 | 57.24 | 57.07 | 57.13 |
| 17 | 5 | 76 | 57.13 | 57.18 | 57.26 | 57.27 | 57.36 | 57.18 | 57.25 |
| 18 | 5 | 76 | 57.35 | 57.35 | 57.42 | 57.45 | 57.48 | 57.34 | 57.40 |
| 19 | 5 | 76 | 57.42 | 57.38 | 57.39 | 57.41 | 57.44 | 57.35 | 57.40 |
| 20 | 5 | 76 | 57.36 | 57.30 | 57.32 | 57.32 | 57.40 | 57.29 | 57.33 |
| 21 | 5 | 76 | 57.30 | 57.27 | 57.30 | 57.33 | 57.31 | 57.26 | 57.29 |
| 22 | 5 | 76 | 57.32 | 57.31 | 57.37 | 57.34 | 57.39 | 57.29 | 57.33 |
| 23 | 5 | 76 | 57.35 | 57.30 | 57.39 | 57.39 | 57.42 | 57.28 | 57.36 |
| 24 | 5 | 76 | 57.30 | 57.32 | 57.43 | 57.43 | 57.47 | 57.30 | 57.38 |
| 25 | 5 | 76 | 57.45 | 57.42 | 57.49 | 57.42 | 57.52 | 57.35 | 57.45 |
| 26 | 5 | 76 | 57.32 | 57.21 | 57.26 | 57.23 | 57.35 | 57.18 | 57.27 |
| 27 | 5 | 76 | 57.23 | 57.19 | 57.32 | 57.41 | 57.42 | 57.17 | 57.29 |
| 28 | 5 | 76 | 57.42 | 57.42 | 57.53 | 57.50 | 57.62 | 57.39 | 57.49 |
| 29 | 5 | 76 | 57.54 | 57.47 | 57.51 | 57.32 | 57.56 | 57.43 | 57.51 |
| 30 | 5 | 76 | 57.47 | 57.45 | 57.49 | 57.47 | 57.51 | 57.42 | 57.47 |
| 31 | 5 | 76 | 57.41 | 57.35 | 57.38 | 57.38 | 57.44 | 57.34 | 57.39 |
| 1 | 6 | 76 | 57.46 | 57.32 | 57.37 | 57.42 | 57.46 | 57.31 | 57.37 |

GROUNDWATER--P 2 UPPER

| DA | MO | YR | 0600 | 1200 | 1800 | 2400 | MAX | MIN | DAY |
|---|---|---|---|---|---|---|---|---|---|
| 3 | 5 | 76 | 0.00 | 0.00 | 0.00 | 14.16 | 14.16 | 14.14 | 14.15 |
| 4 | 5 | 76 | 14.15 | 14.15 | 14.16 | 14.19 | 14.19 | 14.15 | 14.16 |
| 5 | 5 | 76 | 14.20 | 14.18 | 14.19 | 14.20 | 14.20 | 14.18 | 14.19 |
| 6 | 5 | 76 | 14.19 | 14.13 | 14.07 | 14.05 | 14.20 | 14.05 | 14.11 |
| 7 | 5 | 76 | 14.05 | 13.96 | 14.00 | 14.01 | 14.05 | 13.98 | 14.01 |
| 8 | 5 | 76 | 14.01 | 13.98 | 14.03 | 14.05 | 14.06 | 13.97 | 14.02 |
| 9 | 5 | 76 | 14.06 | 14.01 | 14.02 | 13.99 | 14.07 | 13.95 | 14.02 |
| 10 | 5 | 76 | 13.97 | 13.91 | 13.97 | 14.00 | 14.04 | 13.90 | 13.97 |
| 11 | 5 | 76 | 14.01 | 14.02 | 14.03 | 14.05 | 14.08 | 13.96 | 14.03 |
| 12 | 5 | 76 | 13.95 | 13.87 | 13.85 | 13.95 | 13.98 | 13.79 | 13.90 |
| 13 | 5 | 76 | 13.87 | 13.88 | 13.90 | 14.04 | 14.04 | 13.84 | 13.92 |
| 14 | 5 | 76 | 14.02 | 14.03 | 14.05 | 14.08 | 14.08 | 14.02 | 14.05 |
| 15 | 5 | 76 | 14.08 | 14.04 | 13.92 | 13.95 | 14.08 | 13.90 | 14.00 |
| [illegible] | 5 | 76 | 13.89 | 13.88 | 13.88 | 13.90 | 13.99 | 13.87 | 13.91 |
| 17 | 5 | 76 | 13.97 | 13.96 | 13.98 | 14.06 | 14.08 | 13.96 | 13.99 |
| 18 | 5 | 76 | 14.08 | 14.07 | 14.09 | 14.08 | 14.09 | 14.07 | 14.08 |
| 19 | 5 | 76 | 14.08 | 14.08 | 14.08 | 14.08 | 14.09 | 14.07 | 14.08 |
| 20 | 5 | 76 | 14.08 | 14.04 | 14.05 | 14.05 | 14.08 | 14.04 | 14.06 |
| 21 | 5 | 76 | 14.05 | 14.01 | 14.01 | 14.02 | 14.05 | 14.00 | 14.02 |
| 22 | 5 | 76 | 14.03 | 14.02 | 14.04 | 14.05 | 14.05 | 14.02 | 14.03 |
| 23 | 5 | 76 | 14.04 | 14.01 | 14.03 | 14.05 | 14.05 | 14.00 | 14.03 |
| 24 | 5 | 76 | 14.04 | 14.03 | 14.07 | 14.11 | 14.11 | 14.02 | 14.06 |
| 25 | 5 | 76 | 14.11 | 14.11 | 14.11 | 14.10 | 14.11 | 14.05 | 14.11 |
| 26 | 5 | 76 | 14.04 | 13.93 | 13.93 | 14.00 | 14.05 | 13.80 | 13.98 |
| 27 | 5 | 76 | 13.95 | 13.92 | 13.97 | 14.05 | 14.05 | 13.90 | 13.97 |
| 28 | 5 | 76 | 14.05 | 14.06 | 14.08 | 14.08 | 14.08 | 14.05 | 14.07 |
| 29 | 5 | 76 | 14.08 | 14.08 | 14.08 | 14.08 | 14.08 | 14.08 | 14.08 |
| 30 | 5 | 76 | 14.08 | 14.03 | 14.08 | 14.08 | 14.08 | 14.08 | 14.03 |
| 31 | 5 | 76 | 14.08 | 14.06 | 14.04 | 14.03 | 14.08 | 14.04 | 14.06 |
| 1 | 6 | 76 | 14.06 | 14.04 | 14.03 | 14.07 | 14.08 | 14.03 | 14.05 |

Groundwater

| DA | MO | YR | 0600 | 1200 | 1800 | 2400 | MAX | MIN | DAY |
|---|---|---|---|---|---|---|---|---|---|
| 3 | 5 | 76 | 0.00 | 0.00 | 79.13 | 79.14 | 79.14 | 79.13 | 79.14 |
| 4 | 5 | 76 | 79.12 | 79.12 | 79.13 | 79.14 | 79.14 | 79.12 | 79.13 |
| 5 | 5 | 76 | 79.14 | 79.13 | 79.14 | 79.14 | 79.14 | 79.12 | 79.14 |
| 6 | 5 | 76 | 79.12 | 79.09 | 78.95 | 78.92 | 79.13 | 78.90 | 79.00 |
| 7 | 5 | 76 | 78.89 | 78.84 | 78.85 | 78.87 | 78.90 | 78.82 | 78.86 |
| 8 | 5 | 76 | 78.87 | 78.86 | 78.91 | 78.93 | 78.94 | 78.85 | 78.89 |
| 9 | 5 | 76 | 78.90 | 78.89 | 78.91 | 78.88 | 78.94 | 78.84 | 78.90 |
| 10 | 5 | 76 | 78.85 | 78.88 | 78.87 | 78.91 | 78.92 | 78.79 | 78.86 |
| 11 | 5 | 76 | 78.92 | 78.94 | 78.98 | 78.95 | 78.61 | 78.88 | 78.95 |
| 12 | 5 | 76 | 78.86 | 78.78 | 78.80 | 78.84 | 78.86 | 78.76 | 78.82 |
| 13 | 5 | 76 | 78.88 | 78.81 | 78.88 | 78.98 | 78.99 | 78.79 | 78.87 |
| 14 | 5 | 76 | 78.99 | 79.01 | 79.10 | 79.19 | 79.19 | 78.98 | 79.07 |
| 15 | 5 | 76 | 79.17 | 79.03 | 78.90 | 78.89 | 79.19 | 78.84 | 79.00 |
| 16 | 5 | 76 | 78.82 | 78.91 | 78.84 | 78.93 | 78.94 | 78.80 | 78.85 |
| 17 | 5 | 76 | 78.92 | 78.92 | 78.97 | 79.06 | 79.07 | 78.91 | 78.97 |
| [illegible] | 5 | 76 | 79.08 | 79.07 | 79.13 | 79.16 | 79.17 | 79.06 | 79.11 |
| [illegible] | 5 | 76 | 79.15 | 79.09 | 79.07 | 79.08 | 79.15 | 79.04 | 79.10 |
| 20 | 5 | 76 | 79.04 | 78.98 | 78.98 | 78.98 | 79.06 | 78.97 | 79.00 |
| 21 | 5 | 76 | 78.97 | 78.94 | 78.94 | 78.95 | 78.97 | 78.93 | 78.95 |
| 22 | 5 | 76 | 78.97 | 78.98 | 79.01 | 79.00 | 79.03 | 78.95 | 78.99 |
| 23 | 5 | 76 | 79.00 | 78.96 | 79.00 | 79.02 | 79.04 | 78.95 | 79.00 |
| 24 | 5 | 76 | 78.99 | 78.97 | 79.05 | 79.06 | 79.09 | 78.96 | 79.02 |
| 25 | 5 | 76 | 79.08 | 79.07 | 79.12 | 79.06 | 79.15 | 79.00 | 79.08 |
| 26 | 5 | 76 | 78.96 | 78.85 | 78.85 | 78.89 | 78.99 | 78.82 | 78.89 |
| 27 | 5 | 76 | 78.85 | 78.82 | 78.92 | 79.01 | 79.01 | 78.82 | 78.90 |
| 28 | 5 | 76 | 79.03 | 79.05 | 79.13 | 79.18 | 79.18 | 79.01 | 79.10 |
| 29 | 5 | 76 | 79.16 | 79.14 | 79.15 | 79.14 | 79.17 | 79.07 | 79.15 |
| 30 | 5 | 76 | 79.07 | 79.06 | 79.06 | 79.04 | 79.08 | 79.01 | 79.06 |
| 31 | 5 | 76 | 79.00 | 78.94 | 78.95 | 78.90 | 79.01 | 78.93 | 78.97 |
| 1 | 6 | 76 | 78.95 | 78.91 | 78.92 | 78.97 | 78.96 | 78.90 | 78.94 |
| 2 | 6 | 76 | 78.94 | 78.91 | 78.95 | 79.01 | 79.03 | 78.90 | 78.95 |

WATER LEVEL TAPE LISTING FOR VTNWELL P-1

QBR #8

| DA | MO | YR | 0600 | 1200 | 1800 | 2400 | MAX | MIN | DAY |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 4 | 75 | 0.00 | 7.39 | 7.34 | 7.27 | 7.39 | 7.21 | 7.31 |
| 2 | 4 | 75 | 7.15 | 7.02 | 6.95 | 7.02 | 7.20 | 6.93 | 7.04 |
| 3 | 4 | 75 | 7.06 | 7.10 | 7.22 | 7.40 | 7.44 | 7.03 | 7.19 |
| 4 | 4 | 75 | 7.45 | 7.44 | 7.46 | 7.51 | 7.52 | 7.39 | 7.47 |
| 5 | 4 | 75 | 7.48 | 7.37 | 7.39 | 7.44 | 7.51 | 7.32 | 7.42 |
| 6 | 4 | 75 | 7.49 | 7.50 | 7.60 | 7.70 | 7.71 | 7.47 | 7.57 |
| 7 | 4 | 75 | 7.72 | 7.78 | 7.78 | 7.72 | 7.79 | 7.68 | 7.75 |
| 8 | 4 | 75 | 7.67 | 7.57 | 7.53 | 7.48 | 7.68 | 7.41 | 7.56 |
| 9 | 4 | 75 | 7.39 | 7.30 | 7.31 | 7.35 | 7.41 | 7.25 | 7.34 |
| 10 | 4 | 75 | 7.33 | 7.30 | 7.33 | 7.37 | 7.38 | 7.27 | 7.33 |
| 11 | 4 | 75 | 7.35 | 7.33 | 7.39 | 7.45 | 7.46 | 7.30 | 7.38 |
| 12 | 4 | 75 | 7.45 | 7.48 | 7.52 | 7.61 | 7.62 | 7.43 | 7.51 |
| 13 | 4 | 75 | 7.58 | 7.53 | 7.54 | 7.62 | 7.65 | 7.49 | 7.57 |
| 14 | 4 | 75 | 7.59 | 7.56 | 7.57 | 7.64 | 7.65 | 7.51 | 7.59 |
| 15 | 4 | 75 | 7.61 | 7.59 | 7.58 | 7.66 | 7.69 | 7.55 | 7.61 |
| 16 | 4 | 75 | 7.70 | 7.71 | 7.79 | 7.81 | 7.83 | 7.69 | 7.75 |
| 17 | 4 | 75 | 7.82 | 7.76 | 5.10 | 7.92 | 8.09 | 0.01 | 7.15 |
| 18 | 4 | 75 | 7.89 | 7.78 | 7.66 | 7.60 | 7.91 | 7.56 | 7.74 |
| 19 | 4 | 75 | 7.55 | 7.45 | 7.47 | 7.54 | 7.56 | 7.41 | 7.50 |
| 20 | 4 | 75 | 7.55 | 7.51 | 7.50 | 7.55 | 7.57 | 7.45 | 7.53 |
| 21 | 4 | 75 | 7.54 | 7.54 | 7.64 | 7.79 | 7.81 | 7.51 | 7.62 |
| 22 | 4 | 75 | 7.86 | 7.83 | 7.86 | 7.92 | 7.94 | 7.78 | 7.87 |
| 23 | 4 | 75 | 7.88 | 7.84 | 7.87 | 7.86 | 7.93 | 7.79 | 7.86 |
| 24 | 4 | 75 | 7.79 | 7.72 | 7.77 | 7.96 | 7.98 | 7.67 | 7.81 |
| 25 | 4 | 75 | 8.05 | 8.11 | 8.20 | 8.23 | 8.33 | 7.98 | 8.14 |
| 26 | 4 | 75 | 8.05 | 8.03 | 8.00 | 8.00 | 8.09 | 7.97 | 8.02 |
| 27 | 4 | 75 | 7.97 | 7.99 | 7.95 | 7.96 | 8.00 | 7.91 | 7.97 |
| 28 | 4 | 75 | 7.89 | 7.84 | 7.87 | 7.90 | 7.91 | 7.81 | 7.88 |
| 29 | 4 | 75 | 7.91 | 7.90 | 7.89 | 7.92 | 7.93 | 7.86 | 7.90 |
| 30 | 4 | 75 | 7.90 | 7.86 | 7.87 | 7.94 | 7.95 | 7.83 | 7.89 |
| 1 | 5 | 75 | 7.94 | 7.88 | 7.90 | 7.95 | 7.96 | 7.85 | 7.92 |
| 2 | 5 | 75 | 7.95 | 7.87 | 7.87 | 7.94 | 7.95 | 7.83 | 7.91 |
| 3 | 5 | 75 | 7.95 | 7.93 | 8.02 | 8.16 | 8.20 | 7.91 | 8.01 |
| 4 | 5 | 75 | 8.27 | 8.32 | 8.41 | 8.44 | 8.48 | 8.21 | 8.36 |
| 5 | 5 | 75 | 8.36 | 8.33 | 8.34 | 8.29 | 8.37 | 8.27 | 8.33 |
| 6 | 5 | 75 | 8.27 | 8.20 | 8.18 | 0.00 | 8.27 | 8.17 | 8.33 |

WATER LEVEL TAPE LISTING FOR VTN WELL - P2 UPPER

| DA | MO | YR | 0600 | 1200 | 1800 | 2400 | MAX | MIN | DAY |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 4 | 75 | 0.00 | 0.00 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 |
| 2 | 4 | 75 | 10.02 | 9.96 | 9.91 | 10.02 | 10.02 | 9.86 | 9.98 |
| 3 | 4 | 75 | 10.02 | 10.01 | 10.02 | 10.02 | 10.02 | 9.98 | 10.02 |
| 4 | 4 | 75 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 |
| 5 | 4 | 75 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 |
| 6 | 4 | 75 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 |
| 7 | 4 | 75 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 |
| 8 | 4 | 75 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 |
| 9 | 4 | 75 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 |
| 10 | 4 | 75 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 |
| 11 | 4 | 75 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 |
| 12 | 4 | 75 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 |
| 13 | 4 | 75 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 |
| 14 | 4 | 75 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 |
| 15 | 4 | 75 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 |
| 16 | 4 | 75 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 |
| 17 | 4 | 75 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 |
| 18 | 4 | 75 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 |
| 19 | 4 | 75 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 |
| 20 | 4 | 75 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 |
| 21 | 4 | 75 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 |
| 22 | 4 | 75 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 |
| 23 | 4 | 75 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 |
| 24 | 4 | 75 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 |
| 25 | 4 | 75 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 |
| 26 | 4 | 75 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 |
| 27 | 4 | 75 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 |
| 28 | 4 | 75 | 9.22 | 10.02 | 10.02 | 10.02 | 10.02 | 0.00 | 9.81 |
| 29 | 4 | 75 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 |
| 30 | 4 | 75 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 |
| 1 | 5 | 75 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 |
| 2 | 5 | 75 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 |
| 3 | 5 | 75 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 |
| 4 | 5 | 75 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 |
| 5 | 5 | 75 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 |
| 6 | 5 | 75 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 |
| 7 | 5 | 75 | 10.02 | 10.02 | 10.02 | 0.00 | 10.04 | 10.02 | 10.02 |

Unpublished Records
Subject to Revision

WATER LEVEL TAPE LISTING FOR VTN WELL - P-2 LOWER

| DA | MO | YR | 0600 | 1200 | 1800 | 2400 | MAX | MIN | DAY |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 4 | 75 | 0.00 | 0.00 | 5.92 | 5.84 | 5.96 | 5.78 | 5.88 |
| 2 | 4 | 75 | 5.74 | 5.63 | 5.57 | 5.62 | 5.78 | 5.56 | 5.64 |
| 3 | 4 | 75 | 5.64 | 5.66 | 5.75 | 5.89 | 5.92 | 5.63 | 5.73 |
| 4 | 4 | 75 | 5.93 | 5.93 | 5.97 | 5.99 | 6.00 | 5.91 | 5.95 |
| 5 | 4 | 75 | 5.97 | 5.90 | 5.92 | 5.96 | 5.99 | 5.88 | 5.94 |
| 6 | 4 | 75 | 6.00 | 6.00 | 6.11 | 6.17 | 6.19 | 5.98 | 6.07 |
| 7 | 4 | 75 | 6.21 | 6.27 | 6.26 | 6.19 | 6.28 | 6.15 | 6.23 |
| 8 | 4 | 75 | 6.15 | 6.07 | 6.05 | 5.99 | 6.15 | 5.94 | 6.07 |
| 9 | 4 | 75 | 5.92 | 5.84 | 5.87 | 5.87 | 5.93 | 5.81 | 5.88 |
| 10 | 4 | 75 | 5.84 | 5.80 | 5.81 | 5.82 | 5.85 | 5.77 | 5.82 |
| 11 | 4 | 75 | 5.79 | 5.76 | 5.80 | 5.83 | 5.86 | 5.73 | 5.80 |
| 12 | 4 | 75 | 5.82 | 5.83 | 5.87 | 5.93 | 5.95 | 5.80 | 5.86 |
| 13 | 4 | 75 | 5.90 | 5.87 | 5.88 | 5.92 | 5.94 | 5.84 | 5.89 |
| 14 | 4 | 75 | 5.89 | 5.87 | 5.87 | 5.91 | 5.93 | 5.84 | 5.88 |
| 15 | 4 | 75 | 5.89 | 5.88 | 5.86 | 5.92 | 5.94 | 5.85 | 5.89 |
| 16 | 4 | 75 | 5.94 | 5.97 | 6.01 | 6.04 | 6.05 | 5.94 | 5.99 |
| 17 | 4 | 75 | 6.05 | 6.07 | 6.13 | 6.15 | 6.16 | 6.03 | 6.10 |
| 18 | 4 | 75 | 6.11 | 6.01 | 5.91 | 5.84 | 6.13 | 5.82 | 5.97 |
| 19 | 4 | 75 | 5.80 | 5.72 | 5.75 | 5.77 | 5.81 | 5.70 | 5.76 |
| 20 | 4 | 75 | 5.77 | 5.71 | 5.72 | 5.70 | 5.77 | 5.67 | 5.73 |
| 21 | 4 | 75 | 5.70 | 5.68 | 5.80 | 5.87 | 5.89 | 5.67 | 5.76 |
| 22 | 4 | 75 | 5.94 | 5.89 | 5.96 | 5.97 | 6.01 | 5.87 | 5.94 |
| 23 | 4 | 75 | 5.93 | 5.90 | 5.95 | 5.89 | 5.98 | 5.82 | 5.92 |
| 24 | 4 | 75 | 5.83 | 5.77 | 5.87 | 6.01 | 6.02 | 5.75 | 5.87 |
| 25 | 4 | 75 | 6.10 | 6.15 | 6.24 | 6.22 | 6.34 | 6.01 | 6.17 |
| 26 | 4 | 75 | 6.05 | 6.05 | 6.02 | 6.03 | 6.08 | 5.99 | 6.04 |
| 27 | 4 | 75 | 6.01 | 6.01 | 5.99 | 5.98 | 6.05 | 5.92 | 6.00 |
| 28 | 4 | 75 | 5.90 | 5.86 | 5.86 | 5.89 | 5.91 | 5.84 | 5.88 |
| 29 | 4 | 75 | 5.88 | 5.87 | 5.86 | 5.86 | 5.89 | 5.84 | 5.87 |
| 30 | 4 | 75 | 5.83 | 5.80 | 5.81 | 5.85 | 5.86 | 5.79 | 5.82 |
| 1 | 5 | 75 | 5.82 | 5.79 | 5.82 | 5.82 | 5.84 | 5.78 | 5.81 |
| 2 | 5 | 75 | 5.80 | 5.73 | 5.75 | 5.77 | 5.82 | 5.72 | 5.77 |
| 3 | 5 | 75 | 5.77 | 5.77 | 5.89 | 5.98 | 6.03 | 5.76 | 5.85 |
| 4 | 5 | 75 | 6.09 | 6.13 | 6.23 | 6.21 | 6.29 | 6.03 | 6.16 |
| 5 | 5 | 75 | 6.16 | 6.14 | 6.17 | 6.11 | 6.18 | 6.09 | 6.14 |
| 6 | 5 | 75 | 6.09 | 6.04 | 6.07 | 6.06 | 6.09 | 6.03 | 6.07 |
| 7 | 5 | 75 | 6.08 | 6.02 | 5.99 | 0.00 | 6.09 | 5.98 | 6.07 |

Unpublished Records
Subject to Revision

United States Department of the Interior

GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
8002 Federal Building
Salt Lake City, Utah 84138

QBR#8

RECEIVED APR 28 1975

APR 24 1975

Dear Sirs:

Enclosed is provisional information that has been collected at the Ua and Ub oil shale prototype areas in Utah.

Very truly yours,

For the District Chief

L. S. Conroy

L. S. Conroy

Enclosure

Original Sheets.

Called 4/28/75

No record 2/18 & 3/4 -- Tape removed 2/26; clock was stopped max. 280' 9 3/8". Started clock.

WATER LEVEL TAPE LISTING FOR VTN WELL -- P-1

| DA | MO | YR | 0600 | 1200 | 1800 | 2400 | MAX | MIN | DAY |
|---|---|---|---|---|---|---|---|---|---|
| 4 | 3 | 75 | 0.00 | 2.48 | 2.62 | 2.69 | 2.70 | 2.41 | 2.63 |
| 5 | 3 | 75 | 2.72 | 2.73 | 2.74 | 2.74 | 2.74 | 2.71 | 2.73 |
| 6 | 3 | 75 | 2.74 | 2.75 | 0.00 | 0.00 | 2.84 | 2.74 | 2.73 |

*

| DA | MO | YR | 0600 | 1200 | 1800 | 2400 | MAX | MIN | DAY |
|---|---|---|---|---|---|---|---|---|---|
| 17 | 3 | 75 | 0.00 | 0.00 | 2.89 | 2.89 | 2.89 | 2.89 | 2.89 |
| 17 | 4 | 75 | 3.89 | 7.38 | 6.73 | 7.03 | 10.04 | 2.89 | 1.94 |
| 18 | 3 | 75 | 7.10 | 7.03 | 7.08 | 7.20 | 7.27 | 6.98 | 7.10 |
| 20 | 3 | 75 | 7.23 | 7.20 | 7.25 | 7.30 | 7.33 | 7.17 | 7.25 |
| 21 | 3 | 75 | 7.34 | 7.31 | 7.25 | 7.34 | 7.39 | 7.19 | 7.31 |
| 22 | 3 | 75 | 7.49 | 7.63 | 7.60 | 7.46 | 7.66 | 7.40 | 7.55 |
| 23 | 3 | 75 | 7.39 | 7.29 | 7.20 | 7.13 | 7.39 | 7.10 | 7.25 |
| 24 | 3 | 75 | 7.10 | 7.08 | 7.10 | 7.12 | 7.15 | 7.03 | 7.10 |
| 25 | 3 | 75 | 7.19 | 7.34 | 7.53 | 7.68 | 7.70 | 7.11 | 7.43 |
| 26 | 3 | 75 | 7.73 | 7.67 | 7.64 | 7.62 | 7.78 | 7.57 | 7.67 |
| 27 | 3 | 75 | 7.54 | 7.47 | 7.31 | 7.23 | 7.56 | 7.12 | 7.39 |
| 28 | 3 | 75 | 7.05 | 6.94 | 6.85 | 6.92 | 7.11 | 6.81 | 6.94 |
| 29 | 3 | 75 | 6.91 | 6.89 | 6.89 | 7.00 | 7.01 | 6.85 | 6.92 |
| 30 | 3 | 75 | 7.01 | 7.06 | 7.19 | 7.38 | 7.42 | 7.01 | 7.16 |
| 31 | 3 | 75 | 7.44 | 7.48 | 7.50 | 7.50 | 7.52 | 7.42 | 7.48 |
| 1 | 4 | 75 | 7.46 | 7.45 | 0.00 | 0.00 | 7.48 | 7.40 | 7.48 |

* No Record 3/6 - 3/17. Clock stopped.

Unpublished Records
Subject to Revision

WTEP LEVEL TAPE LISTING FOR VTN WELL -- G-7

| DA | MO | YR | 0600 | 1200 | 1800 | 2400 | MAX | MIN | DAY |
|---|---|---|---|---|---|---|---|---|---|
| 26 | 2 | 75 | 0.00 | 0.00 | 2.16 | 2.22 | 2.25 | 2.13 | 2.20 |
| 27 | 2 | 75 | 2.32 | 2.44 | 2.53 | 2.60 | 2.62 | 2.25 | 2.47 |
| 28 | 2 | 75 | 2.66 | 2.71 | 2.74 | 2.76 | 2.78 | 2.62 | 2.71 |
| 1 | 3 | 75 | 2.74 | 2.79 | 2.95 | 3.04 | 3.05 | 2.74 | 2.88 |
| 2 | 3 | 75 | 3.10 | 3.18 | 3.34 | 3.37 | 3.39 | 3.05 | 3.24 |
| 3 | 3 | 75 | 3.35 | 3.34 | 3.37 | 3.35 | 3.38 | 3.31 | 3.35 |
| 4 | 3 | 75 | 3.32 | 3.43 | 3.69 | 3.81 | 3.84 | 3.32 | 3.56 |
| 5 | 3 | 75 | 3.86 | 3.90 | 3.92 | 3.92 | 3.93 | 3.84 | 3.90 |
| 6 | 3 | 75 | 3.91 | 3.83 | 3.77 | 3.72 | 3.93 | 3.69 | 3.81 |
| 7 | 3 | 75 | 3.63 | 3.58 | 3.59 | 3.65 | 3.68 | 3.57 | 3.61 |
| 8 | 3 | 75 | 3.72 | 3.78 | 3.90 | 4.04 | 4.09 | 3.68 | 3.86 |
| 9 | 3 | 75 | 4.12 | 4.12 | 4.12 | 4.12 | 4.14 | 4.09 | 4.12 |
| 10 | 3 | 75 | 4.12 | 4.12 | 4.13 | 4.12 | 4.14 | 4.10 | 4.12 |
| 11 | 3 | 75 | 4.09 | 4.03 | 3.94 | 3.85 | 4.10 | 3.77 | 3.98 |
| 12 | 3 | 75 | 3.74 | 3.33 | 3.02 | 3.04 | 3.77 | 3.00 | 3.29 |
| 13 | 3 | 75 | 2.97 | 2.98 | 3.06 | 3.16 | 3.19 | 2.95 | 3.04 |
| 14 | 3 | 75 | 3.23 | 3.29 | 3.35 | 3.33 | 3.35 | 3.19 | 3.27 |
| 15 | 3 | 75 | 3.38 | 3.33 | 3.33 | 3.36 | 3.40 | 3.31 | 3.35 |
| 16 | 3 | 75 | 3.39 | 3.44 | 3.55 | 3.62 | 3.63 | 3.37 | 3.50 |
| 17 | 3 | 75 | 3.61 | 3.36 | 3.29 | 3.31 | 3.62 | 3.28 | 3.40 |
| 18 | 3 | 75 | 3.31 | 3.32 | 3.35 | 3.38 | 3.39 | 3.31 | 3.34 |
| 19 | 3 | 75 | 3.40 | 3.40 | 3.44 | 3.49 | 3.51 | 3.39 | 3.43 |
| 20 | 3 | 75 | 3.54 | 3.58 | 3.67 | 3.73 | 3.74 | 3.51 | 3.63 |
| 21 | 3 | 75 | 3.75 | 3.76 | 3.74 | 3.71 | 3.78 | 3.68 | 3.74 |
| 22 | 3 | 75 | 3.65 | 3.64 | 3.55 | 3.40 | 3.68 | 3.33 | 3.56 |
| 23 | 3 | 75 | 3.27 | 3.17 | 3.10 | 3.03 | 3.32 | 2.96 | 3.14 |
| 24 | 3 | 75 | 2.92 | 2.89 | 2.89 | 2.90 | 2.95 | 2.87 | 2.90 |
| 25 | 3 | 75 | 2.96 | 3.07 | 3.20 | 3.27 | 3.29 | 2.92 | 3.12 |
| 26 | 3 | 75 | 3.23 | 3.18 | 3.15 | 3.10 | 3.25 | 3.07 | 3.17 |
| 27 | 3 | 75 | 2.67 | 2.26 | 2.17 | 2.12 | 3.87 | 2.10 | 2.31 |
| 28 | 3 | 75 | 2.11 | 1.91 | 1.67 | 1.62 | 2.11 | 1.53 | 1.83 |
| 29 | 3 | 75 | 1.59 | 1.52 | 1.54 | 1.57 | 1.66 | 1.41 | 1.56 |
| 30 | 3 | 75 | 1.38 | 1.48 | 1.62 | 1.72 | 1.76 | 1.37 | 1.55 |
| 31 | 3 | 75 | 1.81 | 1.91 | 1.98 | 2.04 | 2.05 | 1.76 | 1.93 |
| 1 | 4 | 75 | 2.06 | 2.07 | 1.98 | 0.00 | 2.09 | 1.97 | 1.93 |

Published 6/28/75

Unpublished Rwd. Subject to Revision

WATER LEVEL TAPE LISTING FOR VTN WELL -- P-2 LOWER

| DA | MO | YR | 0600 | 1200 | 1800 | 2400 | MAX | MIN | DAY |
|---|---|---|---|---|---|---|---|---|---|
| 26 | 2 | 75 | 0.00 | 0.00 | 5.30 | 5.33 | 5.35 | 5.28 | 5.32 |
| 27 | 2 | 75 | 5.32 | 5.36 | 5.37 | 5.39 | 5.42 | 5.28 | 5.36 |
| 28 | 2 | 75 | 5.29 | 5.28 | 5.33 | 5.34 | 5.37 | 5.26 | 5.31 |
| 1 | 3 | 75 | 5.24 | 5.23 | 5.32 | 5.42 | 5.44 | 5.20 | 5.30 |
| 2 | 3 | 75 | 5.38 | 5.37 | 5.46 | 5.46 | 5.50 | 5.33 | 5.42 |
| 3 | 3 | 75 | 5.32 | 5.25 | 5.32 | 5.29 | 5.39 | 5.22 | 5.30 |
| 4 | 3 | 75 | 5.18 | 5.23 | 5.55 | 5.65 | 5.67 | 5.14 | 5.40 |
| 5 | 3 | 75 | 5.69 | 5.70 | 5.74 | 5.77 | 5.79 | 5.67 | 5.72 |
| 6 | 3 | 75 | 5.86 | 5.83 | 5.75 | 5.63 | 5.89 | 5.57 | 5.77 |
| 7 | 3 | 75 | 5.53 | 5.40 | 5.40 | 5.42 | 5.57 | 5.36 | 5.44 |
| 8 | 3 | 75 | 5.50 | 5.53 | 5.65 | 5.78 | 5.81 | 5.45 | 5.61 |
| 9 | 3 | 75 | 5.65 | 5.80 | 5.80 | 5.79 | 5.89 | 5.75 | 5.81 |
| 10 | 3 | 75 | 5.83 | 5.83 | 5.90 | 5.95 | 5.96 | 5.79 | 5.88 |
| 11 | 3 | 75 | 6.01 | 6.04 | 6.00 | 5.90 | 6.07 | 5.92 | 5.99 |
| 12 | 3 | 75 | 5.79 | 5.70 | 5.68 | 5.68 | 5.81 | 5.64 | 5.71 |
| 13 | 3 | 75 | 5.63 | 5.60 | 6.96 | 5.79 | 10.88 | 5.56 | 5.99 pump |
| 14 | 3 | 75 | 5.78 | 5.79 | 5.82 | 5.87 | 5.89 | 5.75 | 5.82 |
| 15 | 3 | 75 | 5.82 | 5.76 | 5.72 | 5.77 | 5.83 | 5.69 | 5.77 |
| 16 | 3 | 75 | 5.76 | 5.81 | 5.88 | 5.97 | 5.99 | 5.75 | 5.85 |
| 17 | 3 | 75 | 5.88 | 5.73 | 5.61 | 5.65 | 5.94 | 5.59 | 5.72 |
| 18 | 3 | 75 | 5.61 | 5.58 | 5.59 | 5.65 | 5.66 | 5.56 | 5.61 |
| 19 | 3 | 75 | 5.67 | 5.67 | 5.73 | 5.82 | 5.86 | 5.66 | 5.72 |
| 20 | 3 | 75 | 5.87 | 5.84 | 5.89 | 5.92 | 5.94 | 5.83 | 5.88 |
| 21 | 3 | 75 | 5.97 | 5.93 | 5.91 | 5.99 | 6.06 | 5.87 | 5.95 |
| 22 | 3 | 75 | 6.16 | 6.26 | 6.22 | 6.06 | 6.28 | 6.01 | 6.18 |
| 23 | 3 | 75 | 6.02 | 5.94 | 5.88 | 5.78 | 6.02 | 5.74 | 5.91 |
| 24 | 3 | 75 | 5.76 | 5.74 | 5.78 | 5.76 | 5.81 | 5.71 | 5.76 |
| 25 | 3 | 75 | 5.85 | 5.97 | 6.15 | 6.27 | 6.30 | 5.75 | 6.06 |
| 26 | 3 | 75 | 6.31 | 6.25 | 6.24 | 6.20 | 6.34 | 6.12 | 6.25 |
| 27 | 3 | 75 | 6.11 | 6.04 | 5.90 | 5.85 | 6.12 | 5.76 | 5.98 |
| 28 | 3 | 75 | 5.72 | 5.64 | 5.58 | 5.63 | 5.76 | 5.54 | 5.64 |
| 29 | 3 | 75 | 5.57 | 5.56 | 5.55 | 5.64 | 5.65 | 5.51 | 5.58 |
| 30 | 3 | 75 | 5.82 | 5.68 | 5.79 | 5.96 | 5.99 | 5.61 | 5.76 |
| 31 | 3 | 75 | 6.01 | 6.05 | 6.06 | 6.05 | 6.07 | 5.99 | 6.04 |
| 1 | 4 | 75 | 6.03 | 6.01 | 5.95 | 0.00 | 6.04 | 5.95 | 6.04 |

Unpublished Records
Subject to Revision

WATER LEVEL TAPE LISTING FOR VTN WELL - P-2 UPPER

| DA | MO | YR | 0600 | 1200 | 1800 | 2400 | MAX | MIN | DAY |
|---|---|---|---|---|---|---|---|---|---|
| 26 | 2 | 75 | 0.00 | 0.00 | 8.78 | 8.91 | 8.96 | 8.73 | 8.87 |
| 27 | 2 | 75 | 8.81 | 8.85 | 8.84 | 8.99 | 9.02 | 8.71 | 8.87 |
| 28 | 2 | 75 | 8.84 | 8.82 | 8.85 | 8.97 | 9.02 | 8.75 | 8.87 |
| 1 | 3 | 75 | 8.85 | 8.82 | 8.89 | 9.06 | 9.11 | 8.75 | 8.90 |
| 2 | 3 | 75 | 9.00 | 8.97 | 9.05 | 9.09 | 9.15 | 8.87 | 9.03 |
| 3 | 3 | 75 | 8.85 | 8.87 | 8.96 | 8.98 | 9.05 | 8.80 | 8.94 |
| 4 | 3 | 75 | 8.90 | 8.95 | 9.25 | 9.41 | 9.45 | 8.81 | 9.12 |
| 5 | 3 | 75 | 9.49 | 9.46 | 9.47 | 9.55 | 9.57 | 9.39 | 9.49 |
| 6 | 3 | 75 | 9.65 | 9.64 | 9.55 | 9.50 | 9.70 | 9.44 | 9.58 |
| 7 | 3 | 75 | 9.43 | 9.32 | 9.31 | 9.39 | 9.45 | 9.21 | 9.36 |
| 8 | 3 | 75 | 9.45 | 9.46 | 9.52 | 9.72 | 9.74 | 9.37 | 9.54 |
| 9 | 3 | 75 | 9.75 | 9.72 | 9.67 | 9.76 | 9.81 | 9.60 | 9.73 |
| 10 | 3 | 75 | 9.77 | 9.79 | 9.84 | 9.93 | 9.94 | 9.78 | 9.83 |
| 11 | 3 | 75 | 9.96 | 9.98 | 9.97 | 9.94 | 10.02 | 9.96 | 9.96 |
| 12 | 3 | 75 | 9.3- | 9.76 | 9.70 | 9.83 | 9.88 | 9.64 | 9.76 |
| 13 | 3 | 75 | 9.75 | 9.75 | 7.23 | 6.53 | 10.02 | 8.06 | 8.05 |
| 14 | 3 | 75 | 7.35 | 7.78 | 8.02 | 8.22 | 8.38 | 7.07 | 7.86 |
| 15 | 3 | 75 | 8.42 | 8.46 | 8.46 | 8.72 | 8.76 | 8.38 | 8.51 |
| 16 | 3 | 75 | 8.76 | 8.83 | 8.92 | 9.11 | 9.13 | 8.74 | 8.90 |
| 17 | 3 | 75 | 9.09 | 8.97 | 8.99 | 9.04 | 9.13 | 8.82 | 9.00 |
| 18 | 3 | 75 | 9.05 | 9.02 | 9.01 | 9.17 | 9.19 | 8.94 | 9.06 |
| 19 | 3 | 75 | 9.23 | 9.19 | 9.22 | 9.40 | 9.46 | 9.13 | 9.26 |
| 20 | 3 | 75 | 9.46 | 9.45 | 9.45 | 9.56 | 9.58 | 9.39 | 9.48 |
| 21 | 3 | 75 | 9.64 | 9.61 | 9.57 | 9.69 | 9.74 | 9.49 | 9.63 |
| 22 | 3 | 75 | 9.84 | 9.95 | 9.95 | 9.84 | 10.02 | 9.74 | 9.90 |
| 23 | 3 | 75 | 9.84 | 9.78 | 9.73 | 9.70 | 9.87 | 9.64 | 9.76 |
| 24 | 3 | 75 | 9.70 | 9.67 | 9.68 | 9.75 | 9.79 | 9.57 | 9.70 |
| 25 | 3 | 75 | 9.80 | 9.93 | 9.99 | 10.02 | 10.02 | 9.70 | 9.93 |
| 26 | 3 | 75 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 |
| 27 | 3 | 75 | 10.02 | 10.01 | 9.95 | 10.01 | 10.02 | 9.92 | 10.00 |
| 28 | 3 | 75 | 9.92 | 9.83 | 9.75 | 9.91 | 9.97 | 9.70 | 9.85 |
| 29 | 3 | 75 | 9.86 | 9.82 | 9.75 | 9.95 | 9.99 | 9.72 | 9.85 |
| 30 | 3 | 75 | 9.33 | 9.93 | 9.55 | 10.02 | 10.02 | 0.02 | 9.86 |
| 31 | 3 | 75 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 | 10.02 |
| 1 | 4 | 75 | 10.02 | 10.02 | 10.02 | 0.00 | 10.02 | 10.02 | 10.02 |

Unpublished F.R. and Subject to Revision

J. Denton

UNITED STATES DEPARTMENT INTERIOR - GEOLOGICAL SURVEY
MULTIPLE STATION LISTING

PROCESS TE 08/31/76

Rec'd 9/7/76 EHP

| STATION NUMBER | LOCAL IDENT-I-FIER | DATE OF SAMPLE | TIME | TYPE | ILLEGAL CODE | DEPTH (FT) (00003) | TEMPER-ATURE (DEG C) (00010) | AIR TEMPER-ATURE (DEG C) (00020) | INSTAN-TANEOUS DIS-CHARGE (CFS) (00061) |
|---|---|---|---|---|---|---|---|---|---|
| 395035109074001 | (D-11-25)21CCA- 1 G-16 | 75-11-11 | 1515 | 2 | -- | -- | 10.5 | 2.0 | -- |
| | | 76-06-25 | 1636 | 2 | -- | -- | -- | -- | -- |
| | | 76-06-25 | 1641 | 2 | -- | -- | 12.8 | -- | -- |
| 395035109074002 | (D-11-25)21CCA- 2G-16A | 75-11-11 | 1330 | 2 | -- | -- | 12.0 | 5.0 | -- |
| | | 76-03-21 | 1251 | 2 | -- | -- | 12.4 | -- | 1.3 |
| | | 76-03-21 | 1252 | 2 | -- | -- | 12.4 | -- | 1.3 |
| | | 76-06-25 | 1730 | 2 | -- | -- | -- | -- | -- |
| | | 76-06-25 | 1735 | 2 | -- | -- | 13.6 | -- | -- |
| 395226109091201 | (D-11-25) 7DAC- 1 G-13 | 75-11-11 | 1000 | 2 | -- | -- | 9.0 | .0 | -- |
| 395226109091202 | (D-11-25) 7DAC- 2G-13A | 75-12-19 | 1300 | 2 | -- | 10 | 7.0 | -- | -- |
| 395229109091201 | (D-11-25) 7DAC- 2 G-20 | 75-11-10 | 1130 | 2 | -- | -- | 10.5 | 10.0 | -- |
| | | 76-06-25 | 1003 | 2 | -- | -- | 10.9 | -- | -- |
| 395359109093201 | (D-10-24)36DCD- 1 G-12 | 75-11-10 | 1500 | 2 | -- | -- | 10.0 | 7.0 | -- |
| 395453109111001 | (D-10-24)26CDD- 2 P-3 | 75-12-11 | 1001 | 2 | -- | 531 | 12.8 | -- | -- |
| | | 76-03-17 | 1600 | 2 | -- | -- | 15.6 | -- | 4.0 |
| | | 76-03-17 | 1602 | 2 | -- | -- | 15.6 | -- | 4.0 |
| | | 76-06-28 | 1615 | 2 | -- | -- | -- | -- | -- |
| 395500109124401 | (D-10-24)28DDB- 1 G-15 | 75-12-10 | 1409 | 2 | -- | 532 | 14.5 | -- | -- |
| | | 76-06-28 | 1255 | 2 | -- | -- | 18.8 | -- | -- |
| 395510109094901 | (D-10-24)25CAA- 1 G-14 | 75-11-11 | 1145 | 2 | -- | -- | 10.5 | 6.5 | -- |
| | | 76-06-25 | 1446 | 2 | -- | -- | -- | -- | -- |
| | | 76-06-25 | 1451 | 2 | -- | -- | 13.4 | -- | -- |
| 395515109094901 | (D-10-24)25BDD- 1 G-18 | 76-06-25 | 1335 | 2 | -- | -- | -- | -- | -- |
| | | 76-06-25 | 1336 | 2 | -- | -- | 10.6 | -- | -- |
| 395515109094902 | (D-10-24)25BDD- 1G-18A | 76-05-16 | 1130 | 2 | -- | -- | 17.6 | -- | -- |
| | | 76-05-16 | 1135 | 2 | -- | -- | 17.6 | -- | -- |
| | | 76-06-13 | 1300 | 2 | -- | -- | 9.5 | -- | -- |
| 395530109134901 | (D-10-24)29AAC- 2 G-21 | 76-06-26 | 0945 | 2 | -- | -- | 16.1 | -- | -- |
| 395548109080701 | (D-10-25)19DDA- 1 P-4 | 75-11-12 | 1145 | 2 | -- | -- | 13.5 | .0 | -- |
| 395554109172701 | (D-10-23)23DBD- 1 | 76-01-07 | 1400 | 2 | -- | 38 | 9.0 | -- | -- |
| | AG-3 Upper or Lower? | | | | | | | | |
| | AG-3U = 20' | 76-04-19 | 1610 | 2 | -- | 38 | 10.0 | -- | -- |
| | AG-3L = USGS well | 76-06-15 | 1140 | 2 | -- | -- | 9.3 | -- | -- |
| | | 76-06-15 | 1150 | 2 | -- | -- | 9.3 | -- | -- |
| 395603109120801 | (D-10-24)22CAD- 1 G-5 | 75-11-24 | 1455 | 2 | -- | -- | 16.5 | 5.0 | -- |
| 395614109111401 | (D-10-24)23BCA- 1 G-11 | 75-12-09 | 1240 | 2 | -- | 493 | 15.5 | -- | -- |
| 395617109134401 | (D-10-24)20AAD- 1 P-2U | 75-11-13 | 1115 | 2 | -- | -- | 13.5 | 2.0 | -- |
| | | 75-11-13 | 1240 | 2 | -- | -- | 14.0 | 4.0 | -- |
| | | 75-11-13 | 1245 | 2 | -- | -- | -- | -- | -- |
| | | 76-03-17 | 1252 | 2 | -- | -- | 14.8 | -- | 18 |
| | | 76-03-17 | 1253 | 2 | -- | -- | 14.8 | -- | 18 |

MULTIPLE STATION LISTING

| STATION NUMBER | DATE OF SAMPLE | TURBIDITY (JTU) (00070) | COLOR (PLATINUM-COBALT UNITS) (00080) | SPECIFIC CONDUCTANCE (MICROMHOS) (00095) | CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340) | PH (UNITS) (00400) | CARBON DIOXIDE (CO2) (MG/L) (00405) | ALKALINITY AS CACO3 (MG/L) (00410) | BICARBONATE (HCO3) (MG/L) (00440) | CARBONATE (CO3) (MG/L) (00445) | TOTAL FILTRABLE RESIDUE (MG/L) (00515) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 395035109074001 | 75-11-11 | -- | 620 | 4500 | 330 | 7.4 | 35 | 447 | 545 | 0 | 3500 |
| | 76-06-25 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 76-06-25 | -- | -- | 4700 | -- | 8.7 | -- | -- | -- | -- | -- |
| 395035109074002 | 75-11-11 | -- | 2 | 1300 | 6 | 9.4 | .6 | 760 | 720 | 102 | 900 |
| | 76-03-21 | -- | 1 | 1350 | 10 | 9.0 | 1.5 | 767 | 685 | 123 | -- |
| | 76-03-21 | -- | -- | 1350 | -- | 9.0 | -- | -- | -- | -- | -- |
| | 76-06-25 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 76-06-25 | -- | -- | 1460 | -- | 8.4 | -- | -- | -- | -- | -- |
| 395226109091201 | 75-11-11 | -- | 26 | 5000 | 45 | 7.6 | 23 | 463 | 564 | 0 | 4800 |
| 395226109091202 | 75-12-19 | -- | 10 | 5120 | 43 | 5.5 | 2820 | 458 | 558 | 0 | -- |
| 395229109091201 | 75-11-10 | -- | 13 | 5000 | 42 | 7.8 | 14 | 458 | 558 | 0 | -- |
| | 76-06-25 | -- | -- | 5000 | -- | 8.0 | -- | -- | -- | -- | -- |
| 395359109093201 | 75-11-10 | -- | 45 | 4900 | 98 | 7.6 | 81 | 1650 | 2010 | 0 | 4100 |
| 395453109111001 | 75-12-11 | -- | 140 | 4750 | 310 | 9.5 | 1.9 | 3010 | 1320 | 1160 | 3900 |
| | 76-03-17 | -- | 35 | 5300 | 100 | 9.6 | .6 | 1240 | 914 | 294 | -- |
| | 76-03-17 | -- | -- | 5300 | -- | 9.6 | -- | -- | -- | -- | -- |
| | 76-06-28 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 395500109124401 | 75-12-10 | -- | 10 | 2640 | 210 | 8.4 | 6.0 | 778 | 810 | 68 | 1700 |
| | 76-06-28 | -- | -- | 2600 | -- | 9.4 | -- | -- | -- | -- | 2000 |
| 395510109094901 | 75-11-11 | -- | 8 | 3200 | 140 | 7.8 | 15 | 492 | 600 | 0 | 2500 |
| | 76-06-25 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 76-06-25 | -- | -- | 3500 | -- | 8.4 | -- | -- | -- | -- | -- |
| 395515109094901 | 76-06-25 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 76-06-25 | -- | -- | 3200 | -- | 7.2 | -- | -- | -- | -- | -- |
| 395515109094902 | 76-05-16 | -- | 5 | 4090 | -- | 8.0 | 3.1 | 160 | 195 | 0 | -- |
| | 76-05-16 | -- | -- | 3400 | -- | 8.0 | -- | -- | -- | -- | -- |
| | 76-06-13 | 2200 | 30 | 3800 | 39 | 7.3 | 13 | 132 | 161 | 0 | -- |
| 395530109134901 | 76-06-26 | -- | -- | 2150 | -- | 9.5 | -- | -- | -- | -- | 1500 |
| 395548109080701 | 75-11-12 | -- | 16 | 1630 | 150 | 9.0 | 1.0 | 490 | 510 | 43 | 1000 |
| 395554109172701 | 76-01-07 | -- | -- | 4250 | -- | 8.0 | 9.2 | 474 | 578 | 0 | -- |
| | 76-04-19 | -- | -- | 4400 | -- | 7.7 | 18 | 455 | 555 | 0 | -- |
| | 76-06-15 | 80 | 5 | 4000 | 91 | 7.6 | 24 | 497 | 606 | 0 | -- |
| | 76-06-15 | -- | -- | 4000 | -- | 7.6 | -- | -- | -- | -- | -- |
| 395603109120801 | 75-11-24 | -- | 100 | 2400 | 240 | 9.0 | 1.9 | 957 | 915 | 124 | 1700 |
| 395614109111401 | 75-12-09 | -- | 200 | 6070 | 150 | 8.3 | 5.8 | 595 | 726 | 0 | 5000 |
| 395617109134401 | 75-11-13 | -- | 3 | 3600 | 4 | 8.1 | 7.7 | 499 | 608 | 0 | -- |
| | 75-11-13 | -- | -- | 1800 | -- | 9.7 | -- | -- | -- | -- | 1200 |
| | 75-11-13 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 76-03-17 | -- | 3 | 3800 | 14 | 8.0 | 11 | 545 | 664 | 0 | -- |
| | 76-03-17 | -- | -- | 3800 | -- | 8.0 | -- | -- | -- | -- | 3200 |

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 08/31/76

MULTIPLE STATION LISTING

| STATION NUMBER | DATE OF SAMPLE | TOTAL NON-FILTRABLE RESIDUE (MG/L) (00530) | OIL AND GREASE (MG/L) (00550) | DIS-SOLVED AMMONIA NITRO-GEN (N) (MG/L) (00608) | DIS-SOLVED NITRITE (N) (MG/L) (00613) | DIS-SOLVED NITRATE (N) (MG/L) (00618) | TOTAL KJEL-DAHL NITRO-GEN (N) (MG/L) (00625) | DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631) | DIS-SOLVED ORTHO PHOS-PHATE (P04) (MG/L) (00660) | TOTAL PHOS-PHORUS (P) (MG/L) (00665) | DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L) (00671) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 395035109074001 | 75-11-11 | 34 | 1 | 2.1 | .01 | -- | 3.7 | .06 | .03 | .03 | .01 |
| | 76-06-25 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 76-06-25 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 395035109074002 | 75-11-11 | <1 | 0 | .86 | .01 | -- | 1.4 | .01 | .28 | .10 | .09 |
| | 76-03-21 | -- | 2 | .65 | .00 | .00 | 2.0 | .00 | .28 | .11 | .09 |
| | 76-03-21 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 76-06-25 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 76-06-25 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| G-20 395226109091201 | 75-11-11 | 1 | 0 | .04 | .01 | -- | .63 | .01 | .03 | .02 | .01 |
| G-13A 395226109091202 | 75-12-19 | -- | 0 | .04 | .00 | .40 | 2.3 | .40 | .06 | .11 | .02 |
| G-20 395229109091201 | 75-11-10 | -- | 0 | .20 | .00 | -- | 1.4 | .01 | .03 | .05 | .01 |
| | 76-06-25 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| G-20 395359109093201 | 75-11-10 | 25 | 1 | .81 | .09 | -- | 3.6 | 11 | .18 | .03 | .06 |
| P-3 395453109111001 | 75-12-11 | 25 | 15 | 4.8 | .00 | .11 | 18 | .11 | 1.4 | .60 | .47 |
| | 76-03-17 | -- | 4 | 5.6 | .00 | .06 | 10 | .06 | 1.4 | .15 | .46 |
| | 76-03-17 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 76-06-28 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| G-15 395500109124401 | 75-12-10 | 36 | 4 | .83 | .00 | .00 | 3.6 | .00 | .06 | .00 | .02 |
| | 76-06-28 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| G-18 395510109094901 | 75-11-11 | 8 | 1 | 1.5 | .00 | -- | 3.1 | .00 | .03 | .02 | .01 |
| | 76-06-25 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 76-06-25 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| G-18 395515109094901 | 76-06-25 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 76-06-25 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| G-18A 395515109094902 | 76-05-16 | -- | -- | .15 | .04 | .66 | .76 | .70 | .03 | .42 | .01 |
| | 76-05-16 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 76-06-13 | -- | 3 | 1.1 | .24 | .11 | 1.8 | .35 | .00 | .95 | .00 |
| G-21 395530109134901 | 76-06-26 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| P-4 395548109080701 | 75-11-12 | 20 | 1 | 3.5 | .01 | .00 | 4.7 | .01 | .61 | .23 | .20 |
| 395554109172701 | 76-01-07 | -- | -- | -- | -- | -- | -- | .03 | .06 | -- | .02 |
| | 76-04-19 | -- | -- | -- | -- | -- | -- | .06 | .06 | -- | .02 |
| | 76-06-15 | -- | 3 | .62 | .00 | .03 | 1.7 | .03 | .00 | .09 | .00 |
| | 76-06-15 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 395603109120801 | 75-11-24 | 55 | 1 | 1.0 | .00 | .02 | 2.9 | .02 | .15 | .05 | .05 |
| 395614109111401 | 75-12-09 | 110 | 8 | 1.9 | .00 | .00 | 4.4 | .00 | .12 | .05 | .04 |
| 395617109134401 | 75-11-13 | -- | 1 | 2.2 | .01 | .00 | 3.4 | .01 | .03 | .01 | .01 |
| | 75-11-13 | <1 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 75-11-13 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 76-03-17 | -- | 1 | 2.0 | .00 | .02 | 3.4 | .02 | .03 | .02 | .01 |
| | 76-03-17 | 4 | -- | -- | -- | -- | -- | -- | -- | -- | -- |

MULTIPLE STATION LISTING

| STATION NUMBER | DATE OF SAMPLE | TOTAL ORGANIC CARBON (C) (MG/L) (00680) | DIS-SOL-VED ORGANIC CARBON (C) (MG/L) (00681) | TOTAL IN-ORGANIC CARBON (C) (MG/L) (00685) | CYANIDE (CN) (MG/L) (00720) | DIS-SOL-VED SUL-FIDE (S) (MG/L) (00746) | HARD-NESS (CA,MG) (MG/L) (00900) | NON-CAR-BONATE HARD-NESS (MG/L) (00902) | DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915) | DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925) | DIS-SOLVED SODIUM (NA) (MG/L) (00930) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 395035109074001 | 75-11-11 | 12 | -- | 151 | -- | 180 | 780 | 330 | 64 | 150 | 890 |
| | 76-06-25 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 76-06-25 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 395035109074002 | 75-11-11 | 17 | -- | 163 | -- | .2 | 2 | 0 | .7 | .1 | 350 |
| | 76-03-21 | 4.6 | -- | 176 | .00 | .0 | 11 | 0 | .9 | 2.2 | 340 |
| | 76-03-21 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 76-06-25 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 76-06-25 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 395226109091201 | 75-11-11 | 17 | -- | 130 | -- | .2 | 1100 | 610 | 130 | 180 | 970 |
| 395226109091202 | 75-12-19 | 20 | -- | 44 | -- | .1 | 1200 | 700 | 180 | 170 | 830 |
| 395229109091201 | 75-11-10 | 26 | -- | 116 | -- | .3 | 1100 | 610 | 130 | 180 | 950 |
| | 76-06-25 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 395359109093201 | 75-11-10 | 45 | -- | 378 | -- | 1.4 | 910 | 0 | 98 | 160 | 1100 |
| 395453109111001 | 75-12-11 | 16 | -- | 180 | -- | 74 | 9 | 0 | 1.0 | 1.6 | 1700 |
| | 76-03-17 | -- | -- | -- | .00 | 3.0 | 40 | 0 | 11 | 3.0 | 1300 |
| | 76-03-17 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 76-06-28 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 395500109124401 | 75-12-10 | 13 | -- | 18 | -- | 120 | 22 | 0 | 2.4 | 3.7 | 640 |
| | 76-06-28 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 395510109094901 | 75-11-11 | 33 | -- | 141 | -- | 46 | 500 | 8 | 40 | 94 | 580 |
| | 76-06-25 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 76-06-25 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 395515109094901 | 76-06-25 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 76-06-25 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 395515109094902 | 76-05-16 | -- | 9.0 | -- | .00 | .0 | 820 | 660 | 98 | 140 | 730 |
| | 76-05-16 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 76-06-13 | -- | 17 | -- | .00 | .0 | 610 | 470 | 130 | 68 | 670 |
| 395530109134901 | 76-06-26 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 395548109080701 | 75-11-12 | 57 | -- | 112 | -- | 10 | 120 | 0 | 9.9 | 22 | 320 |
| 395554109172701 | 76-01-07 | -- | -- | -- | -- | -- | 1500 | 1100 | 270 | 210 | 550 |
| | 76-04-19 | -- | -- | -- | -- | -- | 1500 | 1000 | 250 | 210 | 600 |
| | 76-06-15 | -- | 4.9 | -- | .00 | .0 | 1400 | 900 | 230 | 200 | 570 |
| | 76-06-15 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 395603109120801 | 75-11-24 | 18 | -- | 145 | -- | 29 | 200 | 0 | 75 | 3.5 | 660 |
| 395614109111401 | 75-12-09 | 13 | -- | 16 | -- | 80 | 830 | 240 | 48 | 170 | 1200 |
| 395617109134401 | 75-11-13 | 43 | -- | 123 | -- | 1.0 | 270 | 0 | 28 | 48 | 840 |
| | 75-11-13 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 75-11-13 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 76-03-17 | -- | -- | -- | .00 | .1 | 340 | 0 | 33 | 61 | 850 |
| | 76-03-17 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

MULTIPLE STATION LISTING

| STATION NUMBER | DATE OF SAMPLE | SODIUM AD-SORP-TION RATIO (00931) | PERCENT SODIUM (00932) | DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935) | DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940) | DIS-SOLVED SULFATE (SO4) (MG/L) (00945) | DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950) | DIS-SOLVED SILICA (SIO2) (MG/L) (00955) | DIS-SOLVED ARSENIC (AS) (UG/L) (01000) | DIS-SOLVED BARIUM (BA) (UG/L) (01005) | DIS-SOLVED BERYL-LIUM (BE) (UG/L) (01010) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 395035109074001 | 75-11-11 | 14 | 71 | 3.1 | 190 | 1900 | 6.2 | 19 | 26 | 0 | 10 |
| | 76-06-25 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 76-06-25 | -- | -- | -- | -- | -- | -- | -- | -- | 30 | <20 |
| 395035109074002 | 75-11-11 | 104 | 100 | .5 | 6.8 | 1.3 | 1.1 | 7.9 | 0 | 100 | 0 |
| | 76-03-21 | 44 | 98 | .6 | 6.6 | 4.2 | .9 | 8.2 | 0 | 0 | 0 |
| | 76-03-21 | -- | -- | -- | -- | -- | -- | -- | -- | 40 | <4 |
| | 76-06-25 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 76-06-25 | -- | -- | -- | -- | -- | -- | -- | -- | 40 | <4 |
| 395226109091201 | 75-11-11 | 13 | 66 | 6.9 | 59 | 2500 | 2.1 | 12 | 11 | 0 | 20 |
| 395226109091202 | 75-12-19 | 11 | 61 | 8.0 | 66 | 2400 | 1.4 | 10 | 0 | 0 | 10 |
| 395229109091201 | 75-11-10 | 13 | 66 | 8.5 | 63 | 2500 | 1.6 | 11 | 2 | 0 | 10 |
| | 76-06-25 | -- | -- | -- | -- | -- | -- | -- | -- | 40 | <20 |
| 395359109093201 | 75-11-10 | 16 | 72 | 11 | 99 | 1500 | 8.4 | 20 | 50 | 0 | 20 |
| 395453109111001 | 75-12-11 | 245 | 100 | 5.2 | 310 | 290 | 21 | 17 | 12 | 0 | 10 |
| | 76-03-17 | 90 | 98 | 4.2 | 110 | 490 | 17 | 15 | 10 | 0 | 0 |
| | 76-03-17 | -- | -- | -- | -- | -- | -- | -- | -- | 20 | <10 |
| | 76-06-28 | -- | -- | -- | -- | -- | -- | -- | -- | 60 | <7 |
| 395500109124401 | 75-12-10 | 60 | 98 | 1.8 | 170 | 350 | 2.6 | 15 | 0 | 300 | 10 |
| | 76-06-28 | -- | -- | 2.6 | -- | -- | -- | -- | -- | -- | -- |
| 395510109094901 | 75-11-11 | 11 | 72 | 2.6 | 74 | 1100 | .8 | 27 | 13 | 0 | 0 |
| | 76-06-25 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 76-06-25 | -- | -- | -- | -- | -- | -- | -- | -- | 20 | <10 |
| 395515109094901 | 76-06-25 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 76-06-25 | -- | -- | -- | -- | -- | -- | -- | -- | 70 | <8 |
| 395515109094902 | 76-05-16 | 11 | 66 | 9.2 | 38 | 2100 | .5 | 4.2 | 0 | 0 | 20 |
| | 76-05-16 | -- | -- | -- | -- | -- | -- | -- | -- | 20 | <10 |
| | 76-06-13 | 12 | 70 | 15 | 33 | 1900 | .5 | 3.2 | 0 | 0 | 10 |
| 395530109134901 | 76-06-26 | -- | -- | 1.3 | -- | -- | -- | -- | -- | -- | -- |
| 395548109080701 | 75-11-12 | 13 | 85 | 3.4 | 210 | 98 | 2.1 | 20 | 1200 | 300 | 0 |
| 395554109172701 | 76-01-07 | 6.1 | 44 | 5.5 | 190 | 2000 | .4 | 18 | -- | -- | -- |
| | 76-04-19 | 6.8 | 47 | 5.5 | 170 | 2100 | .4 | 16 | -- | -- | -- |
| | 76-06-15 | 6.6 | 47 | 3.8 | 170 | 1900 | .3 | 20 | 1 | 0 | 0 |
| | 76-06-15 | -- | -- | -- | -- | -- | -- | -- | -- | 40 | <30 |
| 395603109120801 | 75-11-24 | 20 | 88 | 1.9 | 240 | 350 | 1.2 | 15 | 210 | 0 | 0 |
| 395614109111401 | 75-12-09 | 18 | 76 | 3.9 | 89 | 2700 | 1.2 | 25 | 0 | <20 | 0 |
| 395617109134401 | 75-11-13 | 22 | 87 | 2.0 | 53 | 1500 | .6 | 17 | 3 | 100 | 20 |
| | 75-11-13 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 75-11-13 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 76-03-17 | 20 | 85 | 1.9 | 54 | 1600 | .6 | 20 | 0 | 0 | 0 |
| | 76-03-17 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

| STATION NUMBER | DATE OF SAMPLE | DIS-SOLVED BISMUTH (BI) (UG/L) (01015) | DIS-SOLVED BORON (B) (UG/L) (01020) | DIS-SOLVED CAD-MIUM (CD) (UG/L) (01025) | DIS-SOLVED CHRO-MIUM (CR) (UG/L) (01030) | TOTAL CHRO-MIUM (CR) (UG/L) (01034) | DIS-SOLVED COBALT (CO) (UG/L) (01035) | DIS-SOLVED COPPER (CU) (UG/L) (01040) | DIS-SOLVED IRON (FE) (UG/L) (01046) | DIS-SOLVED LEAD (PB) (UG/L) (01049) | DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 395035109074001 | 75-11-11 | <20 | 7900 | 1 | 10 | -- | 0 | 0 | 60 | 1 | 30 |
| | 76-06-25 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 76-06-25 | <100 | 6000 | 0 | <70 | -- | <70 | <15 | 110 | <70 | <70 |
| 395035109074002 | 75-11-11 | <6 | 400 | 0 | <10 | -- | 0 | 14 | 50 | 0 | 5 |
| | 76-03-21 | -- | 390 | 0 | 10 | -- | 0 | 1 | 30 | 0 | 10 |
| | 76-03-21 | <25 | 250 | 0 | <20 | -- | <20 | 6 | <20 | <20 | <20 |
| | 76-06-25 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 76-06-25 | <30 | 170 | 0 | <20 | -- | <20 | <5 | 70 | <20 | <20 |
| 395226109091201 | 75-11-11 | <25 | 1800 | 1 | <10 | -- | 0 | 4 | 320 | 2 | 60 |
| 395226109091202 | 75-12-19 | -- | 1800 | 1 | 0 | -- | 0 | 60 | 20 | 2 | 40 |
| 395229109091201 | 75-11-10 | <150 | 1400 | 0 | <10 | -- | 0 | 0 | 820 | 0 | 100 |
| | 76-06-25 | 110 | 1800 | 0 | <80 | -- | <80 | <16 | 530 | <80 | 100 |
| 395359109093201 | 75-11-10 | <80 | 24000 | 0 | 10 | -- | 0 | 19 | 260 | 2 | 70 |
| 395453109111001 | 75-12-11 | <60 | -- | 0 | 10 | -- | 0 | 3 | 70 | 2 | 10 |
| | 76-03-17 | -- | 880 | 0 | 0 | -- | 0 | 12 | 440 | 2 | 30 |
| | 76-03-17 | <80 | 25000 | 1 | <55 | -- | <55 | 20 | 100 | <55 | <50 |
| | 76-06-28 | <45 | 1100 | 0 | <30 | -- | <30 | <7 | 170 | <30 | <30 |
| 395500109124401 | 75-12-10 | <35 | 2000 | 0 | 0 | -- | 0 | 7 | 100 | 1 | 20 |
| | 76-06-28 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 395510109094901 | 75-11-11 | <15 | 1700 | 0 | <10 | -- | 0 | 0 | 120 | 2 | 30 |
| | 76-06-25 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 76-06-25 | <60 | 1600 | 0 | <45 | -- | <45 | <10 | 140 | <45 | <50 |
| 395515109094901 | 76-06-25 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 76-06-25 | <50 | 240 | 0 | <40 | -- | <40 | <8 | 180 | <40 | 640 |
| 395515109094902 | 76-05-16 | -- | 30 | 0 | -- | 20 | 0 | 2 | 0 | 0 | 40 |
| | 76-05-16 | <70 | 590 | 0 | <50 | -- | <50 | <10 | 60 | <50 | 80 |
| | 76-06-13 | -- | 640 | 0 | -- | 340 | 0 | 4 | 30 | 0 | 10 |
| 395530109134901 | 76-06-26 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 395548109080701 | 75-11-12 | <7 | 5200 | 0 | <10 | -- | 0 | 0 | 210 | 0 | 20 |
| 395554109172701 | 76-01-07 | -- | 1200 | -- | -- | -- | -- | -- | -- | -- | -- |
| | 76-04-19 | -- | 3800 | -- | -- | -- | -- | -- | -- | -- | -- |
| | 76-06-15 | -- | 2400 | 0 | -- | 10 | 0 | 2 | 30 | 8 | 380 |
| | 76-06-15 | <80 | 3300 | 0 | 170 | -- | <60 | <15 | 100 | <60 | 680 |
| 395603109120801 | 75-11-24 | <35 | 2200 | 0 | <10 | -- | 1 | 0 | 100 | 3 | 20 |
| 395614109111401 | 75-12-09 | <85 | 3000 | 0 | <85 | -- | <85 | <20 | 320 | <85 | 40 |
| 395617109134401 | 75-11-13 | <55 | 310 | 0 | <10 | -- | 0 | 0 | 90 | 1 | 40 |
| | 75-11-13 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 75-11-13 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 76-03-17 | <65 | 310 | 0 | 0 | -- | 0 | 2 | 40 | 1 | 30 |
| | 76-03-17 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

| STATION NUMBER | DATE OF SAMPLE | DIS-SOLVED MOLYB-DENUM (MO) (UG/L) (01060) | DIS-SOLVED NICKEL (NI) (UG/L) (01065) | DIS-SOLVED SILVER (AG) (UG/L) (01075) | DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080) | DIS-SOLVED VANA-DIUM (V) (UG/L) (01085) | DIS-SOLVED ZINC (ZN) (UG/L) (01090) | DIS-SOLVED ANTI-MONY (SB) (UG/L) (01095) | DIS-SOLVED TIN (SN) (UG/L) (01100) | DIS-SOLVED ALUM-INUM (AL) (UG/L) (01106) | DIS-SOLVED CESIUM (CS) (UG/L) (01115) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 395035109074001 | 75-11-11 | 0 | 3 | 0 | 2900 | 17 | 30 | -- | <20 | 10 | -- |
| | 76-06-25 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 76-06-25 | <40 | <70 | <7 | 2900 | <70 | 30 | -- | <70 | 160 | -- |
| 395035109074002 | 75-11-11 | 0 | 1 | 0 | 80 | .0 | 20 | -- | <6 | 0 | -- |
| | 76-03-21 | 0 | 0 | 0 | 70 | .0 | 10 | -- | -- | 10 | -- |
| | 76-03-21 | 10 | <20 | <2 | 60 | <10 | 0 | -- | <20 | 10 | -- |
| | 76-06-25 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 76-06-25 | <12 | <20 | <2 | 50 | <20 | 0 | -- | <20 | 70 | -- |
| 395226109091201 | 75-11-11 | 75 | 4 | 0 | 3400 | 2.1 | 50 | -- | <25 | 0 | -- |
| 395226109091202 | 75-12-19 | 33 | 3 | 0 | 3600 | 1.2 | 100 | -- | -- | 20 | -- |
| 395229109091201 | 75-11-10 | 29 | 1 | 0 | 3500 | 1.0 | 100 | -- | <75 | 0 | -- |
| | 76-06-25 | 100 | <80 | <8 | 3800 | <80 | 10 | -- | <80 | 110 | -- |
| 395359109093201 | 75-11-10 | 200 | 26 | 0 | 4800 | 5.4 | 490 | -- | <80 | 10 | -- |
| 395453109111001 | 75-12-11 | 9 | 2 | 0 | 240 | 3.8 | 30 | -- | <60 | 60 | -- |
| | 76-03-17 | 4 | 4 | 0 | 310 | 5.5 | 60 | -- | -- | 10 | -- |
| | 76-03-17 | 100 | <55 | <6 | 350 | <35 | 20 | -- | <55 | 130 | -- |
| | 76-06-28 | 60 | <30 | <3 | 1100 | <30 | 30 | -- | <30 | 160 | -- |
| 395500109124401 | 75-12-10 | 2 | 2 | 0 | 460 | 1.0 | 20 | -- | <35 | 30 | -- |
| | 76-06-28 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 395510109094901 | 75-11-11 | 0 | 2 | 0 | 12000 | 3.9 | 30 | -- | <15 | 0 | -- |
| | 76-06-25 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 76-06-25 | 60 | <45 | <5 | 19000 | <45 | 40 | -- | <45 | 60 | -- |
| 395515109094901 | 76-06-25 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 76-06-25 | 50 | <40 | <4 | 1800 | <40 | 50 | -- | <40 | 60 | -- |
| 395515109094902 | 76-05-16 | 22 | 0 | 0 | 2100 | .7 | 0 | 0 | -- | 10 | -- |
| | 76-05-16 | 40 | <50 | <5 | 1900 | <25 | 0 | -- | <50 | 220 | -- |
| | 76-06-13 | 33 | 4 | 0 | 1300 | 1.0 | 20 | 0 | -- | 0 | -- |
| 395530109134901 | 76-06-26 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 395548109080701 | 75-11-12 | 160 | 70 | 0 | 4200 | 7.6 | 10 | -- | <7 | 30 | -- |
| 395554109172701 | 76-01-07 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 76-04-19 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 76-06-15 | 18 | 0 | 0 | 3400 | 1.4 | 860 | 0 | -- | 0 | -- |
| | 76-06-15 | 40 | <60 | <6 | 3700 | <60 | 8900 | -- | <60 | 110 | -- |
| 395603109120801 | 75-11-24 | 1 | 5 | 0 | 1100 | 28 | 0 | -- | <35 | 20 | -- |
| 395614109111401 | 75-12-09 | 23 | <84 | 0 | 9700 | 3.9 | 150 | -- | <85 | 200 | -- |
| 395617109134401 | 75-11-13 | 34 | 2 | 0 | 4600 | .7 | 20 | -- | <55 | 10 | <1 |
| | 75-11-13 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 75-11-13 | -- | -- | -- | -- | -- | -- | -- | -- | 50 | -- |
| | 76-03-17 | 29 | 0 | 0 | 5600 | .4 | 20 | -- | <45 | 10 | -- |
| | 76-03-17 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

| STATION NUMBER | DATE OF SAMPLE | DIS-SOLVED GALLIUM (GA) (UG/L) (01120) | DIS-SOLVED GER-MANIUM (GE) (UG/L) (01125) | DIS-SOLVED LITHIUM (LI) (UG/L) (01130) | DIS-SOLVED SELE-NIUM (SE) (UG/L) (01145) | DIS-SOLVED TI-TANIUM (TI) (UG/L) (01150) | DIS-SOLVED ZIR-CONIUM (ZR) (UG/L) (01160) | DIS-SOLVED GROSS BETA AS CS-137 (PC/L) (03515) | SUS-PENDED GROSS BETA AS CS-137 (PC/L) (03516) | DIS-SOLVED RA-226 (RADON METHOD) (PC/L) (09511) | PHENOLS (UG/L) (32730) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 395035109074001 | 75-11-11 | <10 | <30 | 610 | 0 | <20 | <50 | 37 | <.4 | .20 | -- |
| | 76-06-25 | -- | -- | -- | -- | -- | -- | -- | -- | .04 | -- |
| | 76-06-25 | <30 | <140 | 670 | -- | <60 | <140 | -- | -- | -- | -- |
| 395035109074002 | 75-11-11 | <3 | <10 | 100 | 0 | <5 | <10 | 7.4 | <.4 | .13 | -- |
| | 76-03-21 | -- | -- | 120 | 0 | -- | -- | -- | -- | -- | 3 |
| | 76-03-21 | <8 | <20 | 100 | -- | <10 | <30 | -- | -- | -- | -- |
| | 76-06-25 | -- | -- | -- | -- | -- | -- | -- | -- | 11 | -- |
| | 76-06-25 | <8 | <40 | 110 | -- | <20 | <40 | -- | -- | -- | -- |
| 395226109091201 | 75-11-11 | <10 | <40 | 140 | 1 | <20 | <50 | 50 | 4.7 | .18 | -- |
| 395226109091202 | 75-12-19 | -- | -- | 100 | 5 | -- | -- | -- | -- | -- | -- |
| 395229109091201 | 75-11-10 | <30 | <150 | 100 | 0 | <50 | <100 | -- | -- | -- | -- |
| | 76-06-25 | <30 | <150 | 110 | -- | <60 | <150 | -- | -- | -- | -- |
| 395359109093201 | 75-11-10 | <20 | <80 | 430 | 15 | <50 | <150 | 98 | 9.3 | .10 | -- |
| 395453109111001 | 75-12-11 | <30 | <130 | 530 | 0 | <40 | <130 | 17 | 1.2 | .08 | -- |
| | 76-03-17 | -- | -- | 580 | 0 | -- | -- | -- | -- | -- | 0 |
| | 76-03-17 | <30 | <60 | 610 | -- | <40 | <80 | -- | -- | -- | -- |
| | 76-06-28 | <20 | <60 | 670 | -- | <30 | <60 | -- | -- | -- | -- |
| 395500109124401 | 75-12-10 | <20 | <80 | 470 | 0 | <20 | <80 | 11 | 1.9 | .06 | -- |
| | 76-06-28 | -- | -- | -- | -- | -- | -- | <7.2 | -- | -- | -- |
| 395510109094901 | 75-11-11 | <7 | <20 | 1100 | 0 | <10 | <30 | 12 | .4 | .34 | -- |
| | 76-06-25 | -- | -- | -- | -- | -- | -- | -- | -- | .25 | -- |
| | 76-06-25 | <20 | <90 | 1100 | -- | <40 | <90 | -- | -- | -- | -- |
| 395515109094901 | 76-06-25 | -- | -- | -- | -- | -- | -- | -- | -- | .06 | -- |
| | 76-06-25 | <20 | <80 | 60 | -- | <30 | <80 | -- | -- | -- | -- |
| 395515109094902 | 76-05-16 | -- | -- | 90 | 0 | -- | -- | -- | -- | -- | -- |
| | 76-05-16 | <20 | <100 | 80 | -- | <40 | <70 | -- | -- | -- | -- |
| | 76-06-13 | -- | -- | 80 | 0 | -- | -- | -- | -- | -- | 1 |
| 395530109134901 | 76-06-26 | -- | -- | -- | -- | -- | -- | <6.9 | -- | -- | -- |
| 395548109080701 | 75-11-12 | <4 | <10 | 670 | 0 | <5 | <20 | 180 | 1.5 | .32 | -- |
| 395554109172701 | 76-01-07 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 76-04-19 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 76-06-15 | -- | -- | 130 | 0 | -- | -- | -- | -- | -- | 2 |
| | 76-06-15 | <30 | <80 | 130 | -- | <40 | <130 | -- | -- | -- | -- |
| 395603109120801 | 75-11-24 | <8 | <40 | 610 | 0 | <20 | <80 | <6.4 | 1.5 | .07 | -- |
| 395614109111401 | 75-12-09 | <40 | <180 | 970 | 0 | <60 | <200 | 20 | .9 | .18 | -- |
| 395617109134401 | 75-11-13 | <10 | <60 | 300 | 0 | <30 | <100 | 32 | <.4 | .08 | -- |
| | 75-11-13 | -- | -- | -- | -- | -- | -- | 9.4 | <.4 | .06 | -- |
| | 75-11-13 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 76-03-17 | <20 | <50 | 350 | 0 | <30 | <70 | -- | -- | -- | 6 |
| | 76-03-17 | -- | -- | -- | -- | -- | -- | <6.7 | <.4 | .10 | -- |

| STATION NUMBER | DATE OF SAMPLE | DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300) | DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301) | DIS-SOLVED SOLIDS (TONS PER DAY) (70302) | DIS-SOLVED SOLIDS (TONS PER AC-FT) (70303) | DIS_SOLVED AMMONIA (NH4) (MG/L) (71846) | DIS_SOLVED NITRATE (NO3) (MG/L) (71851) | DIS_SOLVED NITRITE (NO2) (MG/L) (71856) | BROMIDE (BR) (MG/L) (71870) | DIS-SOLVED MERCURY (HG) (UG/L) (71890) | ELEV. OF LAND SURFACE DATUM (FT. ABOVE MSL) (72000) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 395035109074001 | 75-11-11 | 3490 | 3680 | -- | 4.75 | 2.7 | -- | .03 | -- | .0 | 5560 |
| | 76-06-25 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 5560 |
| | 76-06-25 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 5560 |
| 395035109074002 | 75-11-11 | 841 | 826 | -- | 1.14 | 1.1 | -- | .03 | -- | .0 | 5560 |
| | 76-03-21 | 850 | 826 | 2.98 | 1.16 | .84 | .00 | .00 | .1 | .0 | 5560 |
| | 76-03-21 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 5560 |
| | 76-06-25 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 5560 |
| | 76-06-25 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 5560 |
| 395226109091201 | 75-11-11 | 4420 | 4140 | -- | 6.01 | .05 | -- | .03 | -- | .0 | 5362 |
| 395226109091202 | 75-12-19 | 4200 | 3950 | -- | 5.71 | .05 | 1.8 | .00 | -- | .1 | 5362 |
| 395229109091201 | 75-11-10 | 4500 | 4130 | -- | 6.12 | .26 | -- | .00 | -- | .0 | 5362 |
| | 76-06-25 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 5362 |
| 395359109093201 | 75-11-10 | 4020 | 4020 | -- | 5.47 | 1.0 | -- | .30 | -- | .0 | 5331 |
| 395453109111001 | 75-12-11 | 4350 | 4240 | -- | 5.92 | 6.2 | .49 | .00 | -- | .2 | 5500 |
| | 76-03-17 | 2240 | 2710 | 24.2 | 3.05 | 7.2 | .27 | .00 | .6 | 2.8 | 5500 |
| | 76-03-17 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 5500 |
| | 76-06-28 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 5500 |
| 395500109124401 | 75-12-10 | 1740 | 1780 | -- | 2.37 | 1.1 | .00 | .00 | -- | .3 | 5338 |
| | 76-06-28 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 5338 |
| 395510109094901 | 75-11-11 | 2370 | 2280 | -- | 3.22 | 1.9 | -- | .00 | -- | .0 | 5190 |
| | 76-06-25 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 5190 |
| | 76-06-25 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 5190 |
| 395515109094901 | 76-06-25 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 5254 |
| | 76-06-25 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 5254 |
| 395515109094902 | 76-05-16 | 3430 | 3220 | -- | 4.66 | .19 | 2.9 | .13 | -- | .2 | 5253 |
| | 76-05-16 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 5253 |
| | 76-06-13 | 3050 | 2900 | -- | 4.15 | 1.4 | .49 | .79 | .4 | .3 | 5253 |
| 395530109134901 | 76-06-26 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 5272 |
| 395548109080701 | 75-11-12 | 1020 | 1000 | -- | 1.39 | 4.5 | .00 | .03 | -- | .0 | 5600 |
| 395554109172701 | 76-01-07 | -- | 3530 | -- | 4.80 | -- | -- | -- | -- | -- | 4940 |
| | 76-04-19 | -- | 3630 | -- | 4.94 | -- | -- | -- | -- | -- | 4940 |
| | 76-06-15 | 3620 | 3400 | -- | 4.92 | .80 | .13 | .00 | .6 | .1 | 4940 |
| | 76-06-15 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 4940 |
| 395603109120801 | 75-11-24 | 1770 | 1960 | -- | 2.41 | 1.3 | .09 | .00 | -- | .1 | 5300 |
| 395614109111401 | 75-12-09 | 4870 | 4690 | -- | 6.62 | 2.4 | .00 | .00 | -- | -- | 5400 |
| 395617109134401 | 75-11-13 | 2810 | 2790 | -- | 3.82 | 2.8 | .00 | .03 | -- | .0 | 5040 |
| | 75-11-13 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 5040 |
| | 75-11-13 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 5040 |
| | 76-03-17 | 3030 | 2960 | 147 | 4.12 | 2.6 | .09 | .00 | .3 | .0 | 5040 |
| | 76-03-17 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 5040 |

MULTIPLE STATION LISTING

| STATION NUMBER | DATE OF SAMPLE | TOTAL DEPTH OF WELL (FT) (72008) | DIS-SOLVED URANIUM (DIRECT FLUORO-METRIC) (PC/L) (80010) | DIS-SOLVED URANIUM (U) (UG/L) (80020) | DIS-SOLVED GROSS ALPHA AS U-NAT. (UG/L) (80030) | SUS-PENDED GROSS ALPHA AS U-NAT. (UG/L) (80040) | DIS-SOLVED GROSS BETA AS SR90 /Y90 (PC/L) (80050) | SUS-PENDED GROSS BETA AS SR90 /Y90 (PC/L) (80060) |
|---|---|---|---|---|---|---|---|---|
| 395035109074001 | 75-11-11 | 77 | -- | .20 | <57 | .7 | 30 | <.4 |
| | 76-06-25 | 77 | 1.1 | -- | -- | -- | -- | -- |
| | 76-06-25 | 77 | -- | -- | -- | -- | -- | -- |
| 395035109074002 | 75-11-11 | 193 | .0 | <.01 | <9.8 | <.4 | 6.0 | <.4 |
| | 76-03-21 | 193 | -- | -- | -- | -- | -- | -- |
| | 76-03-21 | 193 | -- | -- | -- | -- | -- | -- |
| | 76-06-25 | 193 | .5 | -- | -- | -- | -- | -- |
| | 76-06-25 | 193 | -- | -- | -- | -- | -- | -- |
| 395226109091201 | 75-11-11 | 29 | 22 | -- | <56 | <.4 | 44 | 4.4 |
| 395226109091202 | 75-12-19 | 21 | -- | -- | -- | -- | -- | -- |
| 395229109091201 | 75-11-10 | 70 | -- | -- | -- | -- | -- | -- |
| | 76-06-25 | 70 | -- | -- | -- | -- | -- | -- |
| 395359109093201 | 75-11-10 | 50 | 26 | -- | 110 | .9 | 83 | 8.1 |
| 395453109111001 | 75-12-11 | 540 | -- | 1.1 | <71 | 2.8 | 14 | 1.0 |
| | 76-03-17 | 540 | -- | -- | -- | -- | -- | -- |
| | 76-03-17 | 540 | -- | -- | -- | -- | -- | -- |
| | 76-06-28 | 540 | -- | -- | -- | -- | -- | -- |
| 395500109124401 | 75-12-10 | 627 | -- | .80 | <26 | 1.9 | 8.9 | 1.6 |
| | 76-06-28 | 627 | -- | -- | <22 | -- | <5.7 | -- |
| 395510109094901 | 75-11-11 | 90 | -- | .60 | <36 | <.4 | 11 | .4 |
| | 76-06-25 | 90 | 1.3 | -- | -- | -- | -- | -- |
| | 76-06-25 | 90 | -- | -- | -- | -- | -- | -- |
| 395515109094901 | 76-06-25 | 60 | 1.8 | -- | -- | -- | -- | -- |
| | 76-06-25 | 60 | -- | -- | -- | -- | -- | -- |
| 395515109094902 | 76-05-16 | 31 | -- | -- | -- | -- | -- | -- |
| | 76-05-16 | 31 | -- | -- | -- | -- | -- | -- |
| | 76-06-13 | 31 | -- | -- | -- | -- | -- | -- |
| 395530109134901 | 76-06-26 | 612 | -- | -- | <14 | -- | <5.5 | -- |
| 395548109080701 | 75-11-12 | 1176 | 2.1 | -- | 16 | .6 | 140 | 1.3 |
| 395554109172701 | 76-01-07 | 38 | -- | -- | -- | -- | -- | -- |
| | 76-04-19 | 38 | -- | -- | -- | -- | -- | -- |
| | 76-06-15 | 38 | -- | -- | -- | -- | -- | -- |
| | 76-06-15 | 38 | -- | -- | -- | -- | -- | -- |
| 395603109120801 | 75-11-24 | 620 | 1.2 | -- | <18 | 2.5 | <5.1 | 1.2 |
| 395614109111401 | 75-12-09 | 650 | -- | .03 | <84 | <1.6 | 18 | .7 |
| 395617109134401 | 75-11-13 | 317 | -- | .20 | <24 | <.4 | 27 | <.4 |
| | 75-11-13 | 317 | -- | .04 | <9.7 | <.4 | 7.9 | <.4 |
| | 75-11-13 | 317 | -- | -- | -- | -- | -- | -- |
| | 76-03-17 | 317 | -- | -- | -- | -- | -- | -- |
| | 76-03-17 | 317 | -- | .20 | <26 | <.4 | <5.7 | <.4 |

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
MULTIPLE STATION LISTING

PROCESS DATE 08/31/76

| STATION NUMBER | LOCAL IDENT-I-FIER | DATE OF SAMPLE | TIME | TYPE | ILLEGAL CODE | DEPTH (FT) (00003) | TEMPER-ATURE (DEG C) (00010) | AIR TEMPER-ATURE (DEG C) (00020) | INSTAN-TANEOUS DIS-CHARGE (CFS) (00061) |
|---|---|---|---|---|---|---|---|---|---|
| 395617109134401 | (D-10-24)20AAD- 1 P-2U | 76-06-26 | 1204 | 2 | -- | -- | 15.0 | -- | -- |
| 395617109134402 | (D-10-24)20AAD- 2 P-2L | 75-11-13 | 1240 | 2 | -- | -- | 14.0 | 4.0 | -- |
| | | 76-06-26 | 1346 | 2 | -- | -- | 16.4 | -- | -- |
| 395635109101501 | (D-10-24)13CCC- 1 G-10 | 75-11-13 | 1500 | 2 | -- | -- | 14.0 | 5.0 | -- |
| | 24883 | 76-03-21 | 1030 | 2 | -- | -- | 15.3 | -- | 8.0 |
| | | 76-06-30 | 1348 | 2 | -- | -- | 16.3 | -- | -- |
| 395651109140201 | (D-10-24)17DAD- 1 | 76-01-21 | 1200 | 2 | -- | 27 | 10.0 | -- | -- |
| | (AG-2 upper or lower? | 76-04-19 | 1350 | 2 | -- | 27 | 12.0 | -- | -- |
| | | 76-05-19 | 1615 | 2 | -- | -- | 12.0 | -- | -- |
| | AG-2U = 22' | 76-05-19 | 1620 | 2 | -- | -- | 12.0 | -- | -- |
| | AG-2L = 40' | | | | | | | | |
| | | 76-06-16 | 1340 | 2 | -- | -- | 11.1 | -- | -- |
| | | 76-06-16 | 1350 | 2 | -- | -- | 11.1 | -- | -- |
| 395707109093101 | (D-10-24)13ADB- 1 G-8 | 75-11-12 | 1445 | 2 | -- | -- | 12.0 | 5.0 | -- |
| | | 76-06-24 | 1052 | 2 | -- | -- | 12.7 | -- | -- |
| 395707109093102 | (D-10-24)13ADB- 2 G-8A | 75-11-12 | 1400 | 2 | -- | -- | 10.5 | 4.0 | -- |
| | | 76-06-24 | 1218 | 2 | -- | -- | 12.8 | -- | -- |
| 395733109095401 | (D-10-24)12CDA- 1 P-1 | 75-11-14 | 1525 | 2 | -- | -- | 13.5 | 7.0 | -- |
| | | 76-06-24 | 1418 | 2 | -- | -- | 15.0 | -- | -- |
| | | 76-06-24 | 1428 | 2 | -- | -- | 15.0 | -- | -- |
| 395751109094501 | (D-10-24)12BDB- 1 G-17 | 75-11-12 | 1610 | 2 | -- | -- | 12.5 | 5.0 | -- |
| | | 76-06-24 | 0855 | 2 | -- | -- | 13.5 | -- | -- |

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MULTIPLE STATION LISTING

| STATION NUMBER | DATE OF SAMPLE | TURBIDITY (JTU) (00070) | COLOR (PLATINUM-COBALT UNITS) (00080) | SPECIFIC CONDUCTANCE (MICROMHOS) (00095) | CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340) | PH (UNITS) (00400) | CARBON DIOXIDE (CO2) (MG/L) (00405) | ALKALINITY AS CACO3 (MG/L) (00410) | BICARBONATE (HCO3) (MG/L) (00440) | CARBONATE (CO3) (MG/L) (00445) | TOTAL FILTRABLE RESIDUE (MG/L) (00515) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 395617109134401 | 76-06-26 | -- | -- | 4000 | -- | 8.0 | -- | -- | -- | -- | -- |
| 395617109134402 | 75-11-13 | -- | 6 | 1800 | 18 | 9.7 | .2 | 529 | 387 | 127 | -- |
| | 76-06-26 | -- | -- | 2000 | -- | 8.8 | -- | -- | -- | -- | -- |
| 395635109101501 | 75-11-13 | -- | 7 | 4750 | 29 | 7.4 | 36 | 460 | 561 | 0 | 5000 |
| | 76-03-21 | -- | 6 | 5100 | 38 | 8.0 | 9.4 | 480 | 585 | 0 | 4800 |
| | 76-06-30 | -- | -- | 4300 | -- | 7.9 | -- | -- | -- | -- | -- |
| 395651109140201 | 76-01-21 | -- | -- | 7250 | -- | 7.7 | 11 | 283 | 345 | 0 | -- |
| | 76-04-19 | -- | -- | 7000 | -- | 7.4 | 22 | 287 | 350 | 0 | -- |
| | 76-05-19 | -- | 0 | 5800 | -- | 8.1 | 4.3 | 278 | 339 | 0 | -- |
| | 76-05-19 | -- | -- | 5800 | -- | 8.1 | -- | -- | -- | -- | -- |
| | 76-06-16 | 400 | 0 | 6200 | 36 | 7.7 | 11 | 280 | 341 | 0 | -- |
| | 76-06-16 | -- | -- | 6200 | -- | 7.7 | -- | -- | -- | -- | -- |
| 395707109093101 | 75-11-12 | -- | 11 | 5000 | 33 | 7.5 | 31 | 506 | 617 | 0 | 4900 |
| | 76-06-24 | -- | -- | 5700 | -- | 8.1 | -- | -- | -- | -- | -- |
| 395707109093102 | 75-11-12 | -- | 5 | 4500 | 30 | 7.4 | 41 | 526 | 641 | 0 | 4700 |
| | 76-06-24 | -- | -- | 4200 | -- | 8.0 | -- | -- | -- | -- | -- |
| 395733109095401 | 75-11-14 | -- | 6 | 4750 | 40 | 7.3 | 44 | 452 | 551 | 0 | 4400 |
| | 76-06-24 | -- | 10 | 500 | 49 | 8.0 | 8.9 | 456 | 556 | 0 | -- |
| | 76-06-24 | -- | -- | 5000 | -- | 8.0 | -- | -- | -- | -- | -- |
| 395751109094501 | 75-11-12 | -- | 16 | 2070 | 100 | 9.3 | .7 | 734 | 722 | 85 | 1500 |
| | 76-06-24 | -- | 30 | 2010 | 34 | 8.3 | 7.4 | 753 | 918 | 0 | -- |

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 08/31/76

MULTIPLE STATION LISTING

| STATION NUMBER | DATE OF SAMPLE | TOTAL NON-FILTRABLE RESIDUE (MG/L) (00530) | OIL AND GREASE (MG/L) (00550) | DIS-SOLVED AMMONIA NITRO-GEN (N) (MG/L) (00608) | DIS-SOLVED NITRITE (N) (MG/L) (00613) | DIS-SOLVED NITRATE (N) (MG/L) (00618) | TOTAL KJEL-DAHL NITRO-GEN (N) (MG/L) (00625) | DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631) | DIS-SOLVED ORTHO PHOS-PHATE (P04) (MG/L) (00660) | TOTAL PHOS-PHORUS (P) (MG/L) (00665) | DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L) (00671) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 395617109134401 | 76-06-26 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 395617109134402 | 75-11-13 | -- | 0 | .59 | .01 | .00 | .83 | .01 | .06 | .00 | .02 |
| | 76-06-26 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 395635109101501 | 75-11-13 | 4 | 0 | .00 | .02 | -- | .81 | .18 | .00 | .01 | .00 |
| | 76-03-21 | 9 | 0 | .00 | .01 | .27 | 4.6 | .28 | .03 | .02 | .01 |
| | 76-06-30 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 395651109140201 | 76-01-21 | -- | -- | -- | -- | -- | -- | 5.5 | .09 | -- | .03 |
| | 76-04-19 | -- | -- | -- | -- | -- | -- | 7.8 | .06 | -- | .02 |
| | 76-05-19 | -- | -- | .09 | .38 | 6.0 | .83 | 6.4 | .03 | .46 | .01 |
| | 76-05-19 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 76-06-16 | -- | 2 | .06 | .36 | 5.4 | 1.9 | 5.8 | .00 | 1.2 | .00 |
| | 76-06-16 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 395707109093101 | 75-11-12 | 4 | 0 | .64 | .00 | -- | 1.8 | .02 | .00 | .01 | .00 |
| | 76-06-24 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 395707109093102 | 75-11-12 | 25 | 0 | .08 | .01 | .01 | 1.0 | .02 | .03 | .01 | .01 |
| | 76-06-24 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 395733109095401 | 75-11-14 | 3 | 1 | .41 | .01 | -- | 1.4 | .01 | .03 | .01 | .01 |
| | 76-06-24 | -- | 0 | .38 | .01 | .00 | .76 | .01 | .03 | .01 | .01 |
| | 76-06-24 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 395751109094501 | 75-11-12 | 16 | 1 | 3.7 | .01 | .00 | 4.9 | .01 | .18 | .04 | .06 |
| | 76-06-24 | -- | 0 | 2.0 | .02 | .03 | 2.1 | .05 | .09 | .04 | .03 |

UNITED STATES DEPARTMENT INTERIOR - GEOLOGICAL SURVEY PROCESS TE 08/31/76

MULTIPLE STATION LISTING

| STATION NUMBER | DATE OF SAMPLE | TOTAL ORGANIC CARBON (C) (MG/L) (00680) | DIS-SOL-VED ORGANIC CARBON (C) (MG/L) (00681) | TOTAL IN-ORGANIC CARBON (C) (MG/L) (00685) | CYANIDE (CN) (MG/L) (00720) | DIS-SOL-VED SUL-FIDE (S) (MG/L) (00746) | HARD-NESS (CA,MG) (MG/L) (00900) | NON-CAR-BONATE HARD-NESS (MG/L) (00902) | DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915) | DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925) | DIS-SOLVED SODIUM (NA) (MG/L) (00930) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 395617109134401 | 76-06-26 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 395617109134402 | 75-11-13 | 14 | -- | 105 | -- | 7.0 | 80 | 0 | 5.1 | 16 | 410 |
| | 76-06-26 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 395635109101501 | 75-11-13 | 9.5 | -- | 112 | -- | .2 | 1300 | 800 | 190 | 190 | 890 |
| | 76-03-21 | 11 | -- | 132 | .00 | .6 | 1200 | 770 | 200 | 180 | 900 |
| | 76-06-30 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 395651109140201 | 76-01-21 | -- | -- | -- | -- | -- | 3500 | 3200 | 790 | 370 | 770 |
| | 76-04-19 | -- | -- | -- | -- | -- | 3400 | 3100 | 730 | 380 | 830 |
| | 76-05-19 | -- | 7.6 | -- | .00 | .0 | 3400 | 3100 | 700 | 390 | 730 |
| | 76-05-19 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 76-06-16 | -- | 11 | -- | .00 | .0 | 3300 | 3000 | 670 | 390 | 750 |
| | 76-06-16 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 395707109093101 | 75-11-12 | 21 | -- | 115 | -- | 1.0 | 1200 | 710 | 170 | 190 | 920 |
| | 76-06-24 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 395707109093102 | 75-11-12 | 24 | -- | 103 | -- | .0 | 1200 | 700 | 190 | 180 | 770 |
| | 76-06-24 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 395733109095401 | 75-11-14 | 21 | -- | 113 | -- | 4.8 | 1000 | 580 | 130 | 170 | 900 |
| | 76-06-24 | -- | 11 | -- | .00 | 5.6 | 1300 | 800 | 170 | 200 | 900 |
| | 76-06-24 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 395751109094501 | 75-11-12 | 60 | -- | 156 | -- | .0 | 5 | 0 | 1.6 | .2 | 520 |
| | 76-06-24 | -- | 14 | -- | .01 | .0 | 3 | 0 | .8 | .3 | 520 |

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 08/31/76

MULTIPLE STATION LISTING

| STATION NUMBER | DATE OF SAMPLE | SODIUM AD-SORP-TION RATIO (00931) | PERCENT SODIUM (00932) | DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935) | DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940) | DIS-SOLVED SULFATE (SO4) (MG/L) (00945) | DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950) | DIS-SOLVED SILICA (SIO2) (MG/L) (00955) | DIS-SOLVED ARSENIC (AS) (UG/L) (01000) | DIS-SOLVED BARIUM (BA) (UG/L) (01005) | DIS-SOLVED BERYL-LIUM (BE) (UG/L) (01010) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 395617109134401 | 76-06-26 | -- | -- | -- | -- | -- | -- | -- | -- | 30 | <10 |
| 395617109134402 | 75-11-13 | 20 | 92 | 1.8 | 33 | 440 | 1.2 | 3.3 | 2 | 0 | 20 |
| | 76-06-26 | -- | -- | -- | -- | -- | -- | -- | -- | 20 | <6 |
| 395635109101501 | 75-11-13 | 11 | 60 | 9.3 | 66 | 2600 | 1.0 | 10 | 16 | 0 | 0 |
| | 76-03-21 | 11 | 61 | 9.1 | 65 | 2500 | .9 | 11 | 6 | 0 | 10 |
| | 76-06-30 | -- | -- | -- | -- | -- | -- | -- | -- | 30 | <20 |
| 395651109140201 | 76-01-21 | 5.7 | 32 | 7.6 | 230 | 4300 | .2 | 19 | -- | -- | -- |
| | 76-04-19 | 6.2 | 35 | 7.6 | 230 | 4300 | .2 | 19 | -- | -- | -- |
| | 76-05-19 | 5.5 | 32 | 5.5 | 240 | 4400 | 1.0 | 20 | 0 | 400 | 20 |
| | 76-05-19 | -- | -- | -- | -- | -- | -- | -- | -- | 40 | <30 |
| | 76-06-16 | 5.7 | 33 | 6.0 | 240 | 4200 | .5 | 21 | 2 | 0 | 10 |
| | 76-06-16 | -- | -- | -- | -- | -- | -- | -- | -- | 50 | <50 |
| 395707109093101 | 75-11-12 | 12 | 62 | 7.5 | 67 | 2600 | 1.4 | 14 | 13 | 20 | 0 |
| | 76-06-24 | -- | -- | -- | -- | -- | -- | -- | -- | 30 | <20 |
| 395707109093102 | 75-11-12 | 9.6 | 58 | 6.9 | 56 | 2200 | 1.2 | 13 | 24 | 0 | 10 |
| | 76-06-24 | -- | -- | -- | -- | -- | -- | -- | -- | 30 | <10 |
| 395733109095401 | 75-11-14 | 12 | 65 | 7.5 | 62 | 2400 | 1.1 | 11 | 6 | 0 | 0 |
| | 76-06-24 | 11 | 61 | 6.0 | 57 | 2700 | 1.2 | 12 | 9 | 800 | 20 |
| | 76-06-24 | -- | -- | -- | -- | -- | -- | -- | -- | 40 | <20 |
| 395751109094501 | 75-11-12 | 103 | 99 | 1.8 | 29 | 390 | 1.5 | 6.9 | 4 | 20 | 10 |
| | 76-06-24 | 126 | 100 | 1.6 | 25 | 370 | 1.2 | 6.7 | 2 | 100 | 20 |

| STATION NUMBER | DATE OF SAMPLE | DIS-SOLVED BISMUTH (BI) (UG/L) (01015) | DIS-SOLVED BORON (B) (UG/L) (01020) | DIS-SOLVED CAD-MIUM (CD) (UG/L) (01025) | DIS-SOLVED CHRO-MIUM (CR) (UG/L) (01030) | TOTAL CHRO-MIUM (CR) (UG/L) (01034) | DIS-SOLVED COBALT (CO) (UG/L) (01035) | DIS-SOLVED COPPER (CU) (UG/L) (01040) | DIS-SOLVED IRON (FE) (UG/L) (01046) | DIS-SOLVED LEAD (PB) (UG/L) (01049) | DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 395617109134401 | 76-06-26 | <80 | 200 | 0 | <60 | -- | <60 | <12 | 100 | <60 | <60 |
| 395617109134402 | 75-11-13 | <25 | 580 | 0 | <10 | -- | 0 | 0 | 50 | 0 | 40 |
| | 76-06-26 | <35 | 370 | 0 | <25 | -- | <25 | <6 | 290 | <25 | 40 |
| 395635109101501 | 75-11-13 | <75 | 3200 | 1 | 10 | -- | 2 | 3 | 600 | 0 | 30 |
| | 76-03-21 | <100 | 3300 | 0 | 10 | -- | 3 | 7 | 190 | 0 | 20 |
| | 76-06-30 | <100 | 1300 | 0 | <70 | -- | <70 | <15 | 640 | <70 | <70 |
| 395651109140201 | 76-01-21 | -- | 440 | -- | -- | -- | -- | -- | -- | -- | -- |
| | 76-04-19 | -- | 1300 | -- | -- | -- | -- | -- | -- | -- | -- |
| | 76-05-19 | -- | 440 | 0 | -- | 70 | 0 | 3 | 20 | 0 | 2100 |
| | 76-05-19 | <160 | 380 | 0 | <100 | -- | <100 | <25 | <100 | <100 | 3200 |
| | 76-06-16 | -- | 250 | 4 | -- | 140 | 3 | 11 | 40 | 9 | 2300 |
| | 76-06-16 | <130 | 400 | 2 | <100 | -- | <100 | <25 | 160 | <100 | 3200 |
| 395707109093101 | 75-11-12 | <25 | 1200 | 0 | <10 | -- | 0 | 0 | 2300 | 0 | 60 |
| | 76-06-24 | <120 | 1200 | 0 | <85 | -- | <85 | <17 | 800 | <85 | <90 |
| 395707109093102 | 75-11-12 | <21 | 1900 | 0 | 10 | -- | 3 | 0 | 4600 | 1 | 190 |
| | 76-06-24 | <90 | 1100 | 0 | <65 | -- | <65 | <13 | 4000 | <65 | 130 |
| 395733109095401 | 75-11-14 | <75 | 1200 | 0 | <10 | -- | 0 | 0 | 410 | 1 | 50 |
| | 76-06-24 | -- | 420 | 0 | -- | 20 | 0 | 0 | 420 | 0 | 30 |
| | 76-06-24 | <100 | 1100 | 0 | <75 | -- | <75 | <15 | 310 | <75 | <80 |
| 395751109094501 | 75-11-12 | <9 | 680 | 0 | <10 | -- | 0 | 50 | 80 | 31 | 5 |
| | 76-06-24 | -- | 1100 | 0 | -- | 20 | 0 | 43 | 40 | 40 | 10 |

| STATION NUMBER | DATE OF SAMPLE | DIS-SOLVED MOLYB-DENUM (MO) (UG/L) (01060) | DIS-SOLVED NICKEL (NI) (UG/L) (01065) | DIS-SOLVED SILVER (AG) (UG/L) (01075) | DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080) | DIS-SOLVED VANA-DIUM (V) (UG/L) (01085) | DIS-SOLVED ZINC (ZN) (UG/L) (01090) | DIS-SOLVED ANTI-MONY (SB) (UG/L) (01095) | DIS-SOLVED TIN (SN) (UG/L) (01100) | DIS-SOLVED ALUM-INUM (AL) (UG/L) (01106) | DIS-SOLVED CESIUM (CS) (UG/L) (01115) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 395617109134401 | 76-06-26 | <35 | <60 | <6 | 5400 | <60 | 10 | -- | <60 | 90 | -- |
| 395617109134402 | 75-11-13 | 4 | 2 | 0 | 950 | .2 | 0 | -- | <25 | 0 | -- |
| | 76-06-26 | 30 | <25 | <3 | 1200 | <25 | 0 | -- | <25 | 50 | -- |
| 395635109101501 | 75-11-13 | 62 | 16 | 0 | 4300 | 1.4 | 70 | -- | <80 | 10 | -- |
| | 76-03-21 | 48 | 5 | 0 | 4400 | 1.4 | 260 | -- | <80 | 10 | -- |
| | 76-06-30 | 130 | <70 | <7 | 3900 | <70 | 80 | -- | <70 | 190 | -- |
| 395651109140201 | 76-01-21 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 76-04-19 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 76-05-19 | 0 | 3 | 0 | 11000 | 5.2 | 4300 | 0 | -- | 10 | -- |
| | 76-05-19 | <50 | <100 | <10 | 10000 | <50 | 1800 | -- | <100 | 350 | -- |
| | 76-06-16 | 5 | 5 | 0 | 5200 | 5.4 | 3400 | 1 | -- | 20 | -- |
| | 76-06-16 | <45 | <100 | <10 | 10000 | <100 | 6800 | -- | <100 | 90 | -- |
| 395707109093101 | 75-11-12 | 8 | 2 | 0 | 6500 | .5 | 20 | -- | <25 | 0 | -- |
| | 76-06-24 | 130 | <85 | <9 | 6800 | <85 | 10 | -- | <85 | 140 | -- |
| 395707109093102 | 75-11-12 | 48 | 19 | 0 | 5700 | 1.0 | 60 | -- | <21 | 0 | -- |
| | 76-06-24 | 180 | <65 | <7 | 5400 | <65 | 30 | -- | <65 | 130 | -- |
| 395733109095401 | 75-11-14 | 5 | 2 | 0 | 6300 | .7 | 20 | -- | <80 | 20 | -- |
| | 76-06-24 | 4 | 7 | 0 | 4500 | 1.2 | 20 | 0 | -- | 20 | -- |
| | 76-06-24 | 110 | <75 | <8 | 6100 | <75 | 20 | -- | <75 | 110 | -- |
| 395751109094501 | 75-11-12 | 26 | 7 | 0 | 160 | 1.5 | 20 | -- | <9 | 10 | -- |
| | 76-06-24 | 15 | 0 | 0 | 100 | .5 | 260 | 3 | -- | 70 | -- |

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESSED DATE 08/31/76

MULTIPLE STATION LISTING

| STATION NUMBER | DATE OF SAMPLE | DIS-SOLVED GALLIUM (GA) (UG/L) (01120) | DIS-SOLVED GER-MANIUM (GE) (UG/L) (01125) | DIS-SOLVED LITHIUM (LI) (UG/L) (01130) | DIS-SOLVED SELE-NIUM (SE) (UG/L) (01145) | DIS-SOLVED TI-TANIUM (TI) (UG/L) (01150) | DIS-SOLVED ZIR-CONIUM (ZR) (UG/L) (01160) | DIS-SOLVED GROSS BETA AS CS-137 (PC/L) (03515) | SUS-PENDED GROSS BETA AS CS-137 (PC/L) (03516) | DIS-SOLVED RA-226 (RADON METHOD) (PC/L) (09511) | PHENOLS (UG/L) (32730) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 395617109134401 | 76-06-26 | <20 | <120 | 350 | -- | <50 | <120 | -- | -- | -- | -- |
| 395617109134402 | 75-11-13 | <6 | <30 | 230 | 0 | <20 | <50 | -- | -- | -- | -- |
| | 76-06-26 | <10 | <50 | 290 | -- | <20 | <50 | -- | -- | -- | -- |
| 395635109101501 | 75-11-13 | <20 | <80 | 140 | 4 | <50 | <150 | 21 | 2.6 | .16 | -- |
| | 76-03-21 | <30 | <80 | 170 | 5 | <50 | <100 | 37 | 3.5 | .29 | 4 |
| | 76-06-30 | <30 | <140 | 140 | -- | <60 | <140 | -- | -- | -- | -- |
| 395651109140201 | 76-01-21 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 76-04-19 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 76-05-19 | -- | -- | 40 | 18 | -- | -- | -- | -- | -- | -- |
| | 76-05-19 | <50 | <200 | 40 | -- | <70 | <150 | -- | -- | -- | -- |
| | 76-06-16 | -- | -- | 40 | 42 | -- | -- | -- | -- | -- | 1 |
| | 76-06-16 | <50 | <130 | 40 | -- | <70 | <200 | -- | -- | -- | -- |
| 395707109093101 | 75-11-12 | <10 | <40 | 270 | 0 | <20 | <50 | 86 | .6 | .21 | -- |
| | 76-06-24 | <40 | <150 | 290 | -- | <70 | <150 | -- | -- | -- | -- |
| 395707109093102 | 75-11-12 | <10 | <30 | 220 | 0 | <20 | <50 | 20 | 7.8 | .10 | -- |
| | 76-06-24 | <30 | <130 | 230 | -- | <50 | <120 | -- | -- | -- | -- |
| 395733109095401 | 75-11-14 | <20 | <80 | 170 | 0 | <50 | <150 | 25 | 1.5 | .36 | -- |
| | 76-06-24 | -- | -- | 200 | 0 | -- | -- | -- | -- | -- | 1 |
| | 76-06-24 | <30 | <150 | 190 | -- | <60 | <130 | -- | -- | -- | -- |
| 395751109094501 | 75-11-12 | <5 | <10 | 320 | 0 | <7 | <20 | 18 | .6 | .04 | -- |
| | 76-06-24 | -- | -- | 350 | 0 | -- | -- | -- | -- | -- | 32 |

| STATION NUMBER | DATE OF SAMPLE | DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300) | DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301) | DIS-SOLVED SOLIDS (TONS PER DAY) (70302) | DIS-SOLVED SOLIDS (TONS PER AC-FT) (70303) | DIS_SOLVED AMMONIA (NH4) (MG/L) (71846) | DIS_SOLVED NITRATE (NO3) (MG/L) (71851) | DIS_SOLVED NITRITE (NO2) (MG/L) (71856) | BROMIDE (BR) (MG/L) (71870) | DIS-SOLVED MERCURY (HG) (UG/L) (71890) | ELEV. OF LAND SURFACE DATUM (FT. ABOVE MSL) (72000) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 395617109134401 | 76-06-26 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 5040 |
| 395617109134402 | 75-11-13 | 1210 | 1240 | -- | 1.65 | .76 | .00 | .03 | -- | .0 | 5040 |
| | 76-06-26 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 5040 |
| 395635109101501 | 75-11-13 | 4460 | 4240 | -- | 6.07 | .00 | -- | .07 | -- | .0 | 5350 |
| | 76-03-21 | 4610 | 4170 | 99.6 | 6.27 | .00 | 1.2 | .03 | .5 | .1 | 5350 |
| | 76-06-30 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 5350 |
| 395651109140201 | 76-01-21 | -- | 6680 | -- | 9.08 | -- | -- | -- | -- | -- | 4960 |
| | 76-04-19 | -- | 6710 | -- | 9.13 | -- | -- | -- | -- | -- | 4960 |
| | 76-05-19 | 7120 | 6700 | -- | 9.68 | .12 | 27 | 1.2 | -- | .3 | 4960 |
| | 76-05-19 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 4960 |
| | 76-06-16 | 7140 | 6480 | -- | 9.71 | .08 | 24 | 1.2 | .7 | .3 | 4960 |
| | 76-06-16 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 4960 |
| 395707109093101 | 75-11-12 | 4530 | 4290 | -- | 6.16 | .82 | -- | .00 | -- | .0 | 5127 |
| | 76-06-24 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 5127 |
| 395707109093102 | 75-11-12 | 3940 | 3750 | -- | 5.36 | .10 | .00 | .03 | -- | .0 | 5127 |
| | 76-06-24 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 5127 |
| 395733109095401 | 75-11-14 | 4380 | 3970 | -- | 5.96 | .53 | -- | .03 | -- | .0 | 5280 |
| | 76-06-24 | 4500 | 4330 | -- | 6.12 | .49 | .00 | .03 | .3 | .0 | 5280 |
| | 76-06-24 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 5280 |
| 395751109094501 | 75-11-12 | 1390 | 1400 | -- | 1.89 | 4.8 | .00 | .03 | -- | .0 | 5194 |
| | 76-06-24 | 1390 | 1380 | -- | 1.89 | 2.6 | .13 | .07 | .1 | .2 | 5194 |

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 08/31/76

MULTIPLE STATION LISTING

| STATION NUMBER | DATE OF SAMPLE | TOTAL DEPTH OF WELL (FT) (72008) | DIS-SOLVED URANIUM (DIRECT FLUORO-METRIC) (PC/L) (80010) | DIS-SOLVED URANIUM (U) (UG/L) (80020) | DIS-SOLVED GROSS ALPHA AS U-NAT. (UG/L) (80030) | SUS-PENDED GROSS ALPHA AS U-NAT. (UG/L) (80040) | DIS-SOLVED GROSS BETA AS SR90 /Y90 (PC/L) (80050) | SUS-PENDED GROSS BETA AS SR90 /Y90 (PC/L) (80060) |
|---|---|---|---|---|---|---|---|---|
| 395617109134401 | 76-06-26 | 317 | -- | -- | -- | -- | -- | -- |
| 395617109134402 | 75-11-13 | 504 | -- | -- | -- | -- | -- | -- |
| | 76-06-26 | 504 | -- | -- | -- | -- | -- | -- |
| 395635109101501 | 75-11-13 | 400 | 20 | -- | 58 | <.4 | 19 | 2.4 |
| | 76-03-21 | 400 | 21 | -- | 83 | <.4 | 31 | 3.2 |
| | 76-06-30 | 400 | -- | -- | -- | -- | -- | -- |
| 395651109140201 | 76-01-21 | 27 | -- | -- | -- | -- | -- | -- |
| | 76-04-19 | 27 | -- | -- | -- | -- | -- | -- |
| | 76-05-19 | 27 | -- | -- | -- | -- | -- | -- |
| | 76-05-19 | 27 | -- | -- | -- | -- | -- | -- |
| | 76-06-16 | 27 | -- | -- | -- | -- | -- | -- |
| | 76-06-16 | 27 | -- | -- | -- | -- | -- | -- |
| 395707109093101 | 75-11-12 | 127 | 5.4 | -- | <56 | <.4 | 77 | .5 |
| | 76-06-24 | 127 | -- | -- | -- | -- | -- | -- |
| 395707109093102 | 75-11-12 | 100 | 21 | -- | <67 | 1.8 | 18 | 6.6 |
| | 76-06-24 | 100 | -- | -- | -- | -- | -- | -- |
| 395733109095401 | 75-11-14 | 488 | 13 | -- | <44 | <.4 | 20 | 1.4 |
| | 76-06-24 | 488 | -- | -- | -- | -- | -- | -- |
| | 76-06-24 | 488 | -- | -- | -- | -- | -- | -- |
| 395751109094501 | 75-11-12 | 220 | -- | .20 | <21 | .8 | 14 | .6 |
| | 76-06-24 | 220 | -- | -- | -- | -- | -- | -- |

# III. AIR RESOURCES AND METEOROLOGY

## A. Meteorology

Preliminary Submission

# AIR QUALITY DATA

# PROTOTYPE OIL SHALE LEASE TRACTS Ua AND Ub

1 MAY 1976 - 31 JULY 1976

Submitted 24 September 1976

AeroVironment Inc.
145 North Vista Avenue
Pasadena, California 91107

## PREFACE

This volume is the eighth quarterly submission of data acquired during the air quality/meteorology/radiology portions of the environmental baseline monitoring program for oil shale tracts Ua and Ub. The quarter covered runs from 1 May 1976 through 31 July 1976.

This data is a preliminary submission and is subject to some editorial and technical changes. A final data submission will follow.

The data presented herein appears in two volumes:

Volume I - Meteorology

A. Data Tabulations for all sites, in order by site number

1. Wind Speed, WS, 10 m, 20 m, 30 m
2. Wind Direction, WD, 10 m, 20 m, 30 m
3. Temperature, T
4. Lapse Rate, $\Delta T$, between 10-30 m
5. Root-mean-square variation in wind direction, $\sigma\theta$
6. Root-mean-square variation in vertical wind speed, $\sigma w$
7. Solar Radiation, SR
8. Barometric Pressure, BP
9. Dewpoint, DPT
10. Relative Humidity, RH

B. Miscellaneous Data

1. Weather Log

Volume II - Air Quality

A. In order of site number.

1. Total Sulfur, TS
2. Hydrogen Sulfide, $H_2S$
3. Sulfur Dioxide, $SO_2$
4. Total Hydrocarbons, THC, expressed as $\mu g/m^3$ of $CH_4$
5. Methane, $CH_4$
6. Hydrocarbons (methane-reduced), HC = THC-$CH_4$, expressed as $\mu g/m^3$ of $CH_4$
7. Carbon Monoxide, CO
8. Nitrogen Oxides, $NO_x$, expressed as $\mu g/m^3$ of $NO_2$
9. Nitric Oxide, NO
10. Nitrogen Dioxide, $NO_2 = (NO_x - NO)$
11. Ozone
12. Scattering coefficient, $b_s$
13. Local Visual Range, $L_v$, derived from $b_s$
14. Coefficient of Haze, COH

B. Miscellaneous Data

1. High Volume Sampler, suspended particulates
2. Radiation measurements by the high pressure ion chamber (rotated among all 12 sites)
3. Radiation Survey
4. Radiation Dosage by Thermo-Luminescent Dosimetry
5. Gross Radiation of Particulates
6. Trace metals
7. Noise Survey (begins April 1975)

Not all sites measure all of these parameters.

The data tabulations contain average values for each day, and the peak hourly average for the day. Along the bottom, the average for each hour, averaged over the month, is compiled [1]. Air Quality data is given in $\mu g/m^3$ usually, with values for $NO_x$ computed on the basis of the molecular weight of $NO_2$ and those for HC and THC based on the molecular weight for $CH_4$.

On the wind direction sheets, "PV" and "PREV" indicate prevailing wind direction divided into 16 sectors with a "1" indicating a prevailing direction between 348.5 and 11.0 degrees, a "2" corresponding to 11.5 to 34.0 degrees, and so forth, i.e., a "1" indicates wind from the 22.5° sector centered on N, a "2" indicates winds generally from the NNE, a "3" from the NE, etc.

Symbols used on the data sheets are:

CA - Calibration

MT - Maintenance (changing paper, tape, filters)

FO - Flame out (on the gas chromatographs)

IM - Instrument malfunction, not discovered until after data had been collected.

PF - Power Failure (generator failure)

RF - Recording system failure (chart jams, runs out, tape punch fails)

LI - Local Interference (car nearby, contamination by generator)

OS - Off scale (at top of chart, data presumed good)

SE - Special experiment (instrument off-line for bag sample analysis or removed for special measurements in area)

VA - Variable wind direction

OR - Out for repair (Instrument problem has been recognized and the instrument is no longer sampling while being repaired.) Effective as of November, 1975.

# MONTHLY WIND DIRECTION SHEET KEY

Project location

Air quality site number. (see map for location)

Monthly period which the data covers.

Altitude of measurements (10 meters, 20 meters, or 30 meters)

Units are degrees of a circle 0 to 360 to the nearest 5 degrees.

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JANUARY,1976

AEROVIRONMENT INC.

Date that the data was printed.

PRELIMINARY DATA
AS OF 12 APR 76

Changes may still be made to th based on later inputs.

SUBJECT TO
REVISION

Beginning hour in Local Standard Time (never Daylight Savings Time). Thus the hourly average under hour "02" occurred during the period 0200 to 0300.

CLOCK HOUR (LOCAL STANDARD TIME)

Peak column is not used

Day of the month.

"VA" stands for variable, which in no definite prevailing wind directio

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | PREV | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 170 | 80 | 125 | 125 | 125 | 135 | 135 | 150 | 245 | 260 | 335 | [VA] | 335 | 15 | 350 | 10 | 10 | 165 | 170 | 165 | 210 | 170 | 185 | 16[illegible] | [VA] | |
| 2 | 190 | 180 | 45 | 320 | 255 | 220 | 225 | 195 | 210 | 310 | [illegible] | 325 | 0 | 30 | 355 | 215 | 230 | 195 | 15 | 245 | 125 | 245 | 150 | 1[illegible] | 1[illegible] | |
| 3 | 165 | 205 | 120 | 95 | 345 | 160 | 70 | 70 | 180 | [illegible] | 50 | 15 | 15 | 40 | 10 | 260 | 25 | 160 | 140 | 195 | 55 | 30 | 240 | [illegible] | 3 | |
| 4 | 0 | 40 | 95 | 175 | 260 | 185 | 340 | 295 | [illegible] | 195 | 55 | 355 | 15 | 20 | 25 | 0 | 215 | 205 | 170 | 215 | 190 | 60 | 65 | [illegible] | [VA] | |
| 5 | 155 | 245 | 35 | 215 | 60 | 200 | 50 | 305 | 35 | 20 | 105 | 355 | 20 | 30 | 5 | 100 | 35 | 30 | 35 | 270 | 245 | 180 | 25 | [illegible] | 2 | |
| 6 | 200 | 15 | 215 | 130 | 210 | 220 | 145 | [illegible] | 245 | 240 | [PF] | 165 | 290 | 355 | 245 | 225 | 205 | 20 | 220 | 165 | 220 | 60 | 195 | 25 | 11 | |
| 7 | 260 | 200 | 55 | 155 | 125 | 180 | [illegible] | 135 | 85 | [illegible] | 110 | 35 | 315 | 20 | 15 | 55 | 310 | 205 | 300 | 190 | 125 | 100 | 335 | 155 | 7 | |
| 8 | 110 | 15 | 240 | 175 | 140 | [illegible] | 150 | 20 | 30 | 20 | 20 | 25 | 30 | 15 | 355 | 5 | 180 | 175 | 170 | 195 | 165 | 230 | 95 | 120 | 2 | |
| 9 | 340 | 175 | 165 | 170 | 120 | 20 | 165 | 65 | 180 | 30 | 40 | 10 | 25 | 35 | 5 | 30 | 300 | 10 | 200 | 340 | 65 | 135 | 1[illegible] | 225 | 2 | |
| 10 | 350 | 70 | 25 | 180 | 20 | 270 | 80 | 250 | 120 | 90 | 15 | 5 | 225 | 275 | 250 | 210 | 195 | 215 | 60 | 190 | 180 | 290 | 1[illegible] | 55 | 15 | |
| 11 | 270 | 195 | 230 | [illegible] | 180 | 220 | 260 | [illegible] | 300 | [VA] | 20 | 50 | 15 | 310 | 300 | 305 | 320 | 195 | 180 | 275 | 190 | 225 | [illegible] | 15 | 14 | |
| 12 | 15 | 245 | [illegible] | 265 | 165 | 220 | 335 | 255 | 255 | 5 | 20 | 70 | 275 | 25 | 60 | 275 | 240 | 240 | 250 | 270 | 275 | 25[illegible] | [illegible] | 295 | 12 | |
| 13 | 260 | [illegible] | 280 | 260 | 235 | 250 | [illegible] | 165 | 130 | 40 | 30 | 35 | 40 | 15 | 340 | 330 | [illegible] | 175 | 210 | 195 | [illegible] | 150 | [illegible] | 90 | 10 | |
| 14 | 270 | [illegible] | 40 | 200 | 155 | 140 | 45 | 190 | 65 | 130 | 140 | 45 | 25 | 10 | 345 | 350 | 220 | 180 | 270 | 205 | 200 | 25 | 225 | 190 | [VA] | |
| 15 | [illegible] | 240 | 10 | 200 | 110 | [illegible] | 270 | 285 | 285 | 250 | 265 | 35 | 5 | 320 | 350 | 45 | 240 | 250 | 200 | 270 | 200 | 185 | 250 | 235 | 13 | |
| [illegible] | 255 | 215 | 155 | 95 | 160 | 210 | 255 | 165 | 340 | 240 | 20 | 30 | 25 | 30 | 30 | 290 | 35 | 185 | 55 | 210 | 180 | 6[illegible] | 165 | 100 | 2 | |
| 17 | 195 | 165 | 35 | 170 | 55 | 140 | 210 | 90 | 95 | 105 | 55 | 10 | 5 | 0 | 260 | 5 | 190 | 190 | 195 | 175 | 170 | [illegible] | 155 | 165 | 9 | |
| 18 | 145 | 160 | 140 | [illegible] | 20 | 45 | 135 | 45 | 225 | 220 | 30 | 45 | 65 | 15 | 310 | 10 | 0 | 215 | 45 | 175 | 200 | [illegible] | 165 | 270 | 3 | |
| 19 | 160 | 130 | 10 | 205 | 195 | 195 | 205 | 50 | 175 | 60 | 20 | 0 | 5 | 0 | 350 | 345 | 260 | 210 | 185 | 175 | 240 | 95 | 165 | 155 | 10 | |
| 20 | 200 | 85 | [illegible] | 115 | 145 | 125 | 195 | 25 | 165 | 45 | 35 | 25 | 45 | 25 | 20 | 355 | 195 | 170 | 165 | 200 | 145 | 80 | 165 | 210 | 3 | |
| 21 | 15 | 180 | 90 | 65 | 170 | 95 | 165 | 145 | 85 | 155 | 355 | 30 | 30 | 50 | 25 | 235 | 205 | 180 | 165 | 165 | 170 | 150 | 160 | 175 | [VA] | |
| 22 | 160 | [illegible] | 150 | 125 | 145 | 120 | 150 | 110 | 150 | 100 | 15 | 20 | 25 | 25 | 30 | 255 | 225 | 170 | 200 | 190 | 175 | 190 | 155 | 90 | 8 | |
| 23 | 115 | 115 | 185 | 30 | 175 | 185 | 210 | 195 | 70 | 25 | 30 | 120 | 345 | 0 | 45 | 30 | 75 | 0 | 220 | 150 | 210 | 245 | 190 | 260 | 2 | |
| 24 | [illegible] | 185 | 250 | 175 | 65 | 255 | 50 | 195 | 295 | 290 | 45 | 5 | 5 | 40 | 350 | 295 | 250 | 205 | 225 | 260 | [illegible] | 245 | 240 | 185 | 12 | |
| 25 | 240 | 355 | 355 | 55 | 145 | 200 | 55 | 225 | 75 | 190 | 30 | 35 | 285 | 0 | 20 | 5 | 285 | 220 | 215 | 210 | 100 | 95 | 350 | 165 | 1 | |
| [illegible] | 175 | 180 | 115 | 155 | 195 | 155 | 160 | 165 | 235 | 50 | 345 | 355 | 355 | 300 | 245 | 260 | 10 | 0 | 175 | 265 | 135 | 100 | 205 | 85 | 8 | |
| 27 | 200 | 170 | 140 | 10 | 210 | 225 | 185 | 70 | 170 | 70 | 40 | 50 | 35 | 35 | 30 | 295 | 245 | 290 | 55 | 165 | 145 | 150 | 225 | 210 | [VA] | |
| 28 | 70 | 280 | 200 | 195 | 220 | 5 | 150 | 245 | 355 | 340 | 280 | 310 | 25 | 75 | 5 | 20 | 35 | 145 | 100 | 350 | 170 | 260 | 5 | 215 | 1 | |
| 29 | 0 | 205 | 285 | 0 | 130 | 270 | 270 | 210 | 300 | 330 | 340 | 45 | 10 | 355 | 20 | 350 | 45 | 175 | 185 | 170 | 165 | 210 | 290 | 190 | [VA] | |
| 30 | 105 | 155 | 75 | 170 | 185 | 305 | 60 | 165 | 20 | 250 | 20 | 325 | 15 | 345 | 20 | 325 | 190 | 230 | 95 | [illegible] | 75 | 85 | 110 | 200 | 4 | |
| 31 | 235 | 210 | 160 | 170 | 135 | 155 | 220 | 220 | 65 | 140 | 25 | 10 | 315 | 15 | 20 | 350 | 315 | 275 | 185 | [illegible] | 190 | 195 | 145 | 210 | 9 | |
| PV | 9 | 9 | 3 | 9 | 7 | 11 | 8 | 8 | 9 | 3 | 2 | 3 | 2 | 2 | 1 | 1 | 11 | 10 | 10 | 9 | 10 | 9 | 9 | 9 | 9 | |

"VA" stands for variable, which indicates no definite hourly average wind direction is possible.

Malfuncation code indicates reason for missing data (see abbreviation table).

Monthly prevailing wind direction is divided into 16 sectors. Sector "1" indicates a prevailing direction between 348.5 and 11.0 degrees (22.5 degree sector) centered on North, Sector "2" corresponds to 11.5 to 34.0 degrees, centered on the NNE, etc.

# MONTHLY COMPONENT SHEET KEY

Project location

Air Quality site number (see map for locations)

Monthly period which the data covers.

Component

Units of Data

Beginning hour in Local Standard Time (never Daylight Savings Time). Thus the hourly average under "02" occurred during the period 0200 to 0300.

Day of the month.

Date that the data was printed.

Changes may still be made to data, based on later input.

Highest hourly average for each day.

Daily average of all hourly averages.

Letters indicate reasons for missing data (see abbreviation table).

Monthly averages of each hour.

Standard deviation of values from the averages.

CARBON MONOXIDE
(MILLIGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH
SITE A 2
DECEMBER,1975
AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 12 APR 76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | .0 | .1 | .0 | .0 | .0 | .1 | .0 | .1 | .1 | .2 | .1 | .1 | .0 | .0 | .0 | .1 | .1 | .1 | .1 | .0 | .0 | .0 | .1 | .0 | .1 | .2 |
| 2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .1 | .0 | .0 | .0 | .1 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | .1 | .1 | .0 | .1 | .0 | .1 | .2 |
| 3 | .0 | .0 | .0 | .0 | .1 | .0 | .0 | .1 | .0 | .0 | (CA) | .0 | .1 | .0 | .1 | .2 | .1 | .1 | .1 | .1 | .1 | .0 | .0 | .0 | .0 | .2 |
| 4 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | .1 | .0 | .0 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .1 | .1 | .0 | .0 | .1 | .0 | .1 |
| 5 | .1 | .0 | .0 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | .1 | .1 | .1 | .1 | .1 | .1 | .0 | .0 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 |
| 6 | .1 | .1 | .1 | .1 | .0 | .1 | .0 | .0 | .0 | .1 | .1 | (CA) | .1 | .2 | .1 | .1 | .0 | .1 | .1 | .1 | .0 | .0 | .0 | .1 | .1 | .2 |
| 7 | .0 | .0 | .0 | .0 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .0 | .1 | .0 | .0 | .1 | .0 | .1 |
| 8 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .1 | .1 | .1 | .1 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .1 |
| 9 | .0 | .0 | .1 | .0 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .1 | .0 | .0 | .1 | .0 | .1 | .0 | .1 | .0 | .0 | .0 | .1 |
| 10 | .1 | .1 | .0 | .1 | .1 | .1 | .1 | .1 | .0 | .1 | .0 | .1 | .1 | .0 | .1 | .0 | .0 | .0 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 |
| 11 | .0 | .0 | .0 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .1 | .1 | .0 | .0 | .0 | .0 | .1 | .0 | .0 | .0 | .0 | .1 | .0 | .1 |
| 12 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .1 | .0 | .0 | .1 | .0 | .0 | .0 | .1 | .0 | .1 |
| 13 | .0 | .0 | .1 | .1 | .1 | .0 | .1 | .1 | .1 | .0 | .0 | .1 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .1 | .1 | .0 | .0 | .1 |
| 14 | .0 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .1 | .0 | .0 | .0 | .0 | .1 |
| 15 | .1 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | (CA) | .1 | .0 | .1 | .1 | .0 | .0 | .1 | .2 | .0 | .1 | .1 | .1 | .4 |
| 16 | .0 | .1 | .1 | .0 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .0 | .0 | .1 | .0 | .1 | .1 | .1 | .3 |
| 17 | .1 | .1 | .0 | .0 | .1 | .0 | .0 | .0 | .1 | .1 | .0 | .0 | .0 | .0 | .1 | .1 | .1 | .1 | .1 | .1 | .0 | .0 | .0 | .1 | .0 | .1 |
| 18 | .1 | .1 | .0 | .1 | .1 | .0 | .0 | .1 | .0 | .1 | .0 | .1 | .0 | .0 | (CA) | (CA) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | .1 | .1 |
| 19 | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (CA) | (OR) | (OR) | (OR) | (OR) | (OR) | (OR) | (OR) | (OR) | (OR) | (OR) | ( ) | ( ) |
| 20 | (OR) | (OR) | (OR) | (OR) | (OR) | (OR) | (OR) | (OR) | (OR) | (OR) | (OR) | (OR) | (OR) | (OR) | (OR) | (OR) | (OR) | (OR) | (OR) | (OR) | (OR) | (OR) | (OR) | (OR) | ( ) | ( ) |
| 21 | (OR) | (OR) | (OR) | (OR) | (OR) | (OR) | (OR) | (OR) | (OR) | (OR) | (OR) | (OR) | (OR) | (OR) | .0 | .0 | .0 | .2 | .3 | .1 | .0 | .0 | .0 | .0 | .1 | .3 |
| 22 | .0 | .3 | .3 | .4 | .1 | .1 | .4 | .4 | .6 | .3 | .4 | .4 | .4 | .3 | .2 | .3 | .3 | .3 | .3 | .4 | .4 | .3 | .6 | .4 | .3 | .6 |
| 23 | .3 | .4 | .3 | .2 | .2 | .2 | .3 | .3 | .4 | .3 | .3 | .3 | .0 | .3 | .4 | .3 | .3 | .4 | .4 | .3 | .4 | .4 | .2 | .3 | .3 | .4 |
| 24 | .4 | .4 | .2 | .4 | .4 | .1 | .3 | .6 | .2 | .4 | .3 | .0 | .2 | .4 | .2 | .3 | .3 | .3 | .3 | .1 | .1 | .3 | .4 | .4 | .3 | .4 |
| 25 | .4 | .4 | .4 | .4 | .3 | .2 | .1 | .3 | .4 | .4 | .4 | .4 | .3 | .2 | .3 | .3 | .3 | .3 | .4 | .4 | .2 | .3 | .2 | .1 | .3 | .4 |
| 26 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .1 | .4 | .4 | .1 | .2 | .0 | .3 | .4 | .1 | .0 | .0 | .0 | .2 | .1 | .4 |
| 27 | .1 | .4 | .4 | .4 | .3 | .2 | .4 | .4 | .3 | .2 | .4 | .4 | .0 | .0 | .3 | .3 | .3 | .3 | .2 | .1 | .3 | .3 | .3 | .3 | .3 | .4 |
| 28 | .3 | .3 | .3 | .3 | .4 | .0 | .4 | .3 | .3 | .4 | .4 | .4 | .4 | .3 | .3 | .3 | .3 | .3 | .2 | .3 | .3 | .4 | .1 | .2 | .3 | .4 |
| 29 | .3 | .4 | .3 | .0 | .3 | .2 | .6 | .4 | .4 | .4 | .4 | .4 | .3 | .3 | .0 | .2 | .1 | .3 | .1 | .2 | .2 | .4 | .4 | .4 | .3 | .4 |
| 30 | .4 | .4 | .4 | .4 | .3 | .2 | .4 | .1 | .0 | .0 | (CA) | .0 | .1 | .1 | .0 | .2 | .2 | .3 | .1 | .2 | .2 | .2 | .3 | .2 | .2 | .4 |
| 31 | .0 | .2 | .3 | .3 | .1 | .0 | .0 | .1 | .3 | .3 | .2 | .3 | .3 | .3 | .0 | .2 | .3 | .3 | .2 | .1 | .1 | .3 | .2 | .0 | .2 | .3 |
| AV | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .2 | .1 | .1 | .1 | .1 | .1 | .2 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | ( ) |
| SD | .1 | .2 | .1 | .2 | .1 | .1 | .2 | .1 | .2 | .2 | .2 | .3 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .2 | .1 | .1 | ( ) |

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

MAY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.5 | 1.5 | 1.5 | 2.5 | 2.0 | 1.5 | 1.5 | 2.0 | 4.0 | 3.5 | 6.5 | 6.5 | 6.0 | 7.0 | 8.5 | 6.5 | 8.5 | 6.0 | 3.0 | 5.0 | 11.5 | 12.0 | 7.0 | 9.0 | 5.0 | 12.0 |
| 2 | 6.5 | 4.0 | 2.0 | 1.0 | 2.0 | 1.5 | 1.0 | 2.5 | 2.5 | 2.5 | 4.5 | 6.5 | 6.5 | 9.0 | 6.5 | 4.5 | 3.5 | 3.5 | 1.5 | 2.5 | 3.5 | 2.5 | 2.5 | 1.5 | 3.5 | 9.0 |
| 3 | 2.5 | 1.5 | 2.0 | 2.0 | 1.0 | 1.0 | 2.0 | 2.5 | 3.5 | 3.5 | 3.5 | 4.0 | 4.5 | 11.5 | 13.0 | 10.5 | 12.5 | 13.5 | 11.0 | 8.0 | 11.0 | 11.5 | 4.5 | 7.0 | 6.0 | 13.5 |
| 4 | 13.5 | 12.5 | 12.0 | 11.0 | 8.5 | 12.0 | 17.5 | 19.5 | 18.5 | 17.0 | 13.0 | 13.0 | 13.0 | 8.0 | 11.0 | 10.5 | 10.5 | 11.5 | 9.5 | 4.0 | 5.0 | 12.0 | 12.0 | 9.0 | 12.0 | 19.5 |
| 5 | 2.0 | 2.5 | 1.5 | 2.5 | 1.5 | 1.5 | 2.0 | 2.5 | 4.0 | 4.0 | 5.5 | 6.5 | 9.5 | 10.5 | 10.5 | 8.5 | 7.5 | 9.5 | 9.5 | 2.5 | 2.0 | 6.5 | 8.0 | 9.5 | 5.5 | 10.5 |
| 6 | 11.0 | 9.0 | 3.5 | 6.0 | 6.0 | 3.0 | 1.5 | 3.0 | 3.5 | 4.5 | 10.0 | 6.5 | 12.0 | 4.0 | 5.5 | 7.5 | 5.5 | 3.5 | 2.5 | 6.5 | 6.0 | 2.5 | 3.0 | 3.5 | 5.5 | 12.0 |
| 7 | 1.0 | 1.0 | 1.0 | 1.0 | .5 | .5 | 1.0 | 1.5 | 3.0 | 6.5 | 8.0 | 7.0 | 8.0 | 9.0 | 5.0 | 7.0 | 5.0 | 4.0 | 10.0 | 5.5 | 6.5 | 3.5 | 1.5 | 2.5 | 4.0 | 10.0 |
| 8 | 8.5 | 17.0 | 9.5 | 8.5 | 2.0 | 1.5 | 5.5 | 3.5 | 4.5 | 5.5 | 6.0 | 8.0 | 5.0 | 4.0 | 6.5 | 15.0 | 13.5 | 8.0 | 3.5 | 4.0 | 2.0 | 2.5 | 6.5 | 3.0 | 6.5 | 17.0 |
| 9 | 8.0 | 10.0 | 8.0 | 4.0 | 3.0 | 1.5 | 2.0 | 2.5 | 3.0 | 4.5 | 4.5 | 4.5 | 4.0 | 4.5 | 6.0 | 7.0 | 8.5 | 9.0 | 11.5 | 15.5 | 19.0 | 18.0 | 10.0 | 3.0 | 7.0 | 19.0 |
| 10 | 2.0 | 2.0 | 3.0 | 3.0 | 1.0 | 1.5 | 1.5 | 1.5 | 5.0 | 3.5 | 4.0 | 4.0 | 4.0 | 10.5 | 9.5 | 6.0 | 5.5 | 4.0 | 3.0 | 4.0 | 5.0 | 7.0 | 12.0 | 5.5 | 4.5 | 12.0 |
| 11 | 2.0 | 3.0 | 6.5 | 3.0 | 3.0 | 2.0 | 2.0 | 1.5 | 2.5 | 4.5 | 7.5 | 11.0 | 12.5 | 9.0 | 15.5 | 14.5 | 19.0 | 17.0 | 17.0 | 17.5 | 20.0 | 17.5 | 12.0 | 6.5 | 9.5 | 20.0 |
| 12 | 9.0 | 4.0 | 2.0 | 3.0 | 1.5 | 3.5 | 2.5 | 2.5 | 4.5 | 6.0 | 16.5 | 18.0 | 16.5 | 14.0 | 10.5 | 7.5 | 11.0 | 10.0 | 10.0 | 3.5 | 4.0 | 3.5 | 2.5 | 4.5 | 7.0 | 18.0 |
| 13 | 1.5 | 2.0 | 2.0 | 2.0 | 2.0 | 1.5 | 1.5 | 2.5 | 3.5 | 4.5 | 3.5 | 4.5 | 4.5 | 4.5 | 5.5 | 5.0 | 5.0 | 5.0 | 4.0 | 6.0 | 4.5 | 4.0 | 2.0 | 2.5 | 3.5 | 6.0 |
| 14 | 2.5 | 1.5 | 1.0 | 1.0 | 1.5 | 1.5 | 1.0 | 2.5 | 2.5 | 3.5 | 4.5 | 4.5 | 6.0 | 4.0 | 6.0 | 12.5 | 10.0 | 8.5 | 7.0 | 9.0 | 12.0 | 12.5 | 12.0 | 10.0 | 5.5 | 12.5 |
| 15 | 11.5 | 11.0 | 6.0 | 7.0 | 6.5 | 8.0 | 12.5 | 8.5 | 10.5 | 10.0 | 11.0 | 10.5 | 11.0 | 14.5 | 14.0 | 15.5 | 17.0 | 17.0 | 16.0 | 16.0 | 16.5 | 13.0 | 8.5 | 9.0 | 11.5 | 17.0 |
| 16 | 7.5 | 7.0 | 5.5 | 3.5 | 3.5 | 5.0 | 6.5 | 5.0 | 5.0 | 7.0 | 7.5 | 7.0 | 5.5 | 5.0 | 6.0 | 6.0 | 3.5 | 3.5 | 3.0 | 3.0 | 2.5 | 2.0 | 1.5 | 2.0 | 4.5 | 7.5 |
| 17 | 1.0 | 1.0 | 1.5 | 1.0 | 2.0 | 1.0 | 1.5 | 2.0 | 2.5 | 4.0 | 4.0 | 4.5 | 5.5 | 7.5 | 6.5 | 7.0 | 5.5 | 3.5 | 2.5 | 2.5 | 9.5 | 14.0 | 12.5 | 5.5 | 4.5 | 14.0 |
| 18 | 4.5 | 2.5 | 2.5 | 3.5 | 2.0 | 2.0 | 1.5 | 2.0 | 3.5 | 4.5 | 7.0 | 7.0 | 9.0 | 16.0 | 11.5 | 10.0 | 10.0 | 11.0 | 7.0 | 6.0 | 7.5 | 3.5 | 4.5 | 7.5 | 6.0 | 16.0 |
| 19 | 7.0 | 4.0 | 6.5 | 14.5 | 8.5 | 4.5 | 3.0 | 7.0 | 5.0 | 5.5 | 10.5 | 6.0 | 8.0 | 17.0 | 8.5 | 12.0 | 17.5 | 12.5 | 11.0 | 10.0 | 15.0 | 10.0 | 5.5 | 3.5 | 9.0 | 17.5 |
| 20 | 3.5 | 3.5 | 2.5 | 4.0 | 5.0 | 13.5 | 5.0 | 4.0 | 5.0 | 8.0 | 9.0 | 10.5 | 9.0 | 12.5 | 12.5 | 10.0 | 10.5 | 9.0 | 6.0 | 6.5 | 4.5 | 4.5 | 8.5 | 4.0 | 7.0 | 13.5 |
| 21 | 8.5 | 8.0 | 2.5 | 5.0 | 2.5 | 2.5 | 1.5 | 3.0 | 2.5 | 4.5 | 12.5 | 16.0 | 18.0 | 11.0 | 5.0 | 4.5 | 2.5 | 4.0 | 1.5 | 1.0 | 4.0 | 4.0 | 2.5 | 5.5 | 5.5 | 18.0 |
| 22 | 3.0 | 1.5 | 6.0 | 3.5 | 5.5 | 2.5 | 1.5 | 2.0 | 2.5 | 3.5 | 6.0 | 6.0 | 9.5 | 9.5 | 13.0 | 9.5 | 16.0 | 18.5 | 14.5 | 5.0 | 2.0 | 2.0 | 4.0 | 6.5 | 6.5 | 18.5 |
| 23 | 5.5 | 3.5 | 2.5 | 3.5 | 2.5 | 4.0 | 6.0 | 2.5 | 3.0 | 5.0 | 3.0 | 4.5 | 4.5 | 4.5 | 6.0 | 5.0 | 6.5 | 5.0 | 5.0 | 6.0 | 5.5 | 2.0 | 9.0 | 6.0 | 4.5 | 9.0 |
| 24 | 3.5 | 5.5 | 2.5 | 5.5 | 4.0 | 2.0 | 2.5 | 3.5 | 5.0 | 4.0 | 4.0 | 5.5 | 4.0 | 8.0 | 12.5 | 12.5 | 12.5 | 7.5 | 3.5 | 4.5 | 4.0 | 5.0 | 4.5 | 3.5 | 5.5 | 12.5 |
| 25 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.5 | 2.0 | 2.5 | 2.5 | 4.0 | 3.0 | 6.0 | 14.0 | 12.0 | 14.0 | 11.5 | 5.5 | 3.5 | 6.0 | 7.0 | 6.0 | 2.0 | 2.5 | 2.0 | 5.0 | 14.0 |
| 26 | 1.5 | 1.5 | 2.5 | 1.5 | 2.0 | 2.0 | 2.0 | 2.0 | 3.5 | 4.0 | 5.5 | 5.5 | 5.0 | 6.5 | 7.0 | 6.5 | 5.0 | 2.5 | 2.5 | 1.5 | 3.0 | 2.0 | 1.0 | 1.5 | 3.0 | 7.0 |
| 27 | 1.5 | 3.5 | 3.0 | 1.5 | 2.0 | 1.5 | 1.5 | 2.5 | 4.0 | 4.5 | 4.5 | 6.0 | 8.5 | 8.5 | 8.5 | 5.5 | 4.0 | 5.0 | 4.5 | 5.5 | 4.5 | 4.0 | 2.0 | 2.5 | 4.0 | 8.5 |
| 28 | 2.5 | 2.0 | 2.0 | 2.0 | 1.5 | 1.5 | 1.5 | 2.0 | 2.5 | 4.5 | 7.5 | 7.5 | 7.5 | 9.5 | 12.0 | 13.0 | 11.5 | 11.5 | 16.0 | 15.0 | 11.0 | 8.5 | 9.5 | 9.0 | 7.0 | 16.0 |
| 29 | 4.5 | 2.0 | 1.5 | 2.5 | 3.5 | 3.0 | 2.5 | 2.0 | 3.5 | 4.0 | 4.5 | 6.0 | 6.0 | 6.0 | 9.0 | 13.0 | 14.0 | 12.5 | 11.5 | 6.5 | 11.5 | 10.0 | 4.0 | 3.5 | 6.0 | 14.0 |
| 30 | 3.0 | 3.0 | 5.0 | 3.5 | 1.5 | 1.0 | 2.0 | 7.5 | 5.5 | 3.5 | 4.0 | 5.5 | 6.0 | 4.5 | 4.0 | 5.0 | 11.5 | 11.5 | 12.5 | 14.5 | 10.0 | 3.5 | 2.0 | 2.0 | 5.5 | 14.5 |
| 31 | 2.0 | 2.5 | 2.0 | 1.5 | 1.5 | 2.0 | 1.5 | 1.5 | 3.0 | 3.0 | 3.5 | 5.0 | 6.0 | 7.5 | 7.5 | 9.0 | 10.0 | 8.5 | 3.0 | 3.0 | 6.5 | 4.0 | 2.5 | 1.5 | 4.0 | 10.0 |
| AV | 4.5 | 4.5 | 3.5 | 3.5 | 3.0 | 3.0 | 3.0 | 3.5 | 4.5 | 5.0 | 6.5 | 7.0 | 8.0 | 8.5 | 9.0 | 9.0 | 9.5 | 8.5 | 7.5 | 6.5 | 7.5 | 7.0 | 6.0 | 5.0 | 6.0 | [ ] |
| SD | 3.4 | 3.8 | 2.6 | 3.0 | 2.1 | 3.0 | 3.5 | 3.4 | 3.0 | 2.6 | 3.3 | 3.3 | 3.7 | 3.6 | 3.2 | 3.3 | 4.4 | 4.4 | 4.7 | 4.5 | 4.9 | 4.8 | 3.8 | 2.7 | 2.1 | [ ] |

OUTPT [VERSION N 28 JUL 76]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JUNE,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.5 | 3.5 | 2.0 | 2.0 | 3.5 | 2.0 | 2.0 | 3.0 | 3.5 | 5.5 | 6.5 | 7.0 | 6.0 | 10.5 | 10.5 | 12.5 | 11.5 | 8.0 | 6.5 | 3.5 | 9.0 | 13.0 | 14.5 | 10.0 | 6.5 | 14.5 |
| 2 | 4.0 | 4.0 | 2.5 | 1.5 | 2.0 | 2.5 | 1.5 | 2.5 | 3.5 | 4.5 | 4.0 | 8.5 | 11.0 | 7.5 | 16.0 | 16.0 | 14.5 | 11.5 | 10.5 | 8.0 | 10.5 | 10.5 | 9.5 | 5.5 | 7.0 | 16.0 |
| 3 | 6.5 | 2.5 | 3.0 | 2.0 | 2.5 | 2.0 | 2.0 | 2.5 | 3.5 | 16.5 | 20.0 | 19.5 | 19.0 | 16.5 | 15.5 | 18.5 | 18.0 | 14.0 | 12.0 | 5.0 | 7.5 | 10.5 | 13.0 | 12.0 | 10.0 | 20.0 |
| 4 | 10.0 | 10.0 | 3.5 | 2.0 | 2.5 | 1.5 | 2.0 | 3.0 | 2.5 | 5.0 | 13.0 | 15.0 | 17.0 | 17.0 | 11.5 | 14.5 | 14.5 | 12.5 | 8.5 | 7.0 | 8.5 | 11.5 | 13.5 | 4.0 | 9.0 | 17.0 |
| 5 | 7.5 | 6.5 | 1.5 | 2.0 | 1.5 | 1.5 | 1.5 | 2.5 | 3.0 | 5.0 | 6.0 | 7.0 | 12.5 | 11.5 | 13.5 | 15.0 | 14.5 | 12.5 | 11.5 | 9.0 | 8.5 | 10.5 | 3.0 | 2.0 | 7.0 | 15.0 |
| 6 | 1.5 | 2.0 | 3.0 | 2.0 | 2.0 | 1.5 | 1.5 | 2.0 | 3.5 | 13.5 | 17.0 | 16.5 | 15.0 | 15.5 | 13.0 | 13.0 | 9.5 | 13.5 | 18.5 | 17.0 | 15.5 | 16.5 | 17.0 | 14.5 | 10.0 | 18.5 |
| 7 | 7.0 | 4.0 | 3.5 | 3.5 | 3.5 | 2.0 | 2.0 | 3.5 | 7.5 | 10.0 | 10.5 | 11.5 | 7.5 | 7.0 | 11.0 | 12.5 | 15.0 | 13.5 | 12.0 | 11.0 | 11.0 | 10.0 | 10.5 | 6.0 | 8.0 | 15.0 |
| 8 | 3.5 | 3.0 | 3.5 | 2.5 | 2.0 | 1.5 | 1.5 | 3.5 | 10.5 | 14.0 | 15.0 | 16.0 | 17.5 | 18.5 | 13.0 | 8.5 | 14.5 | 12.0 | 9.5 | 9.5 | 6.5 | 10.5 | 4.5 | 5.5 | 8.5 | 18.5 |
| 9 | 2.5 | 2.0 | 2.0 | 1.5 | 2.0 | 1.5 | 1.5 | 3.5 | 3.5 | 5.5 | 8.5 | 17.0 | 18.0 | 16.5 | 17.0 | 15.5 | 15.5 | 17.0 | 17.5 | 12.5 | 9.0 | 10.5 | 11.5 | 3.0 | 9.0 | 18.0 |
| 10 | 2.0 | 1.5 | 2.5 | 2.0 | 4.0 | 11.0 | 10.0 | 12.0 | 17.5 | 18.0 | 18.5 | 19.0 | 18.5 | 22.0 | 21.0 | 23.5 | 24.5 | 21.0 | 22.0 | 15.0 | 10.5 | 7.5 | 9.0 | 2.0 | 13.0 | 24.5 |
| 11 | 4.0 | 6.0 | 4.5 | 6.5 | 8.5 | 6.0 | 8.5 | 7.5 | 13.5 | 17.5 | 16.5 | 16.5 | 13.5 | 11.5 | 14.0 | 16.0 | 12.0 | 14.5 | 13.0 | 13.0 | 6.0 | 9.0 | 10.5 | 9.0 | 10.5 | 17.5 |
| 12 | 3.5 | 3.5 | 2.5 | 3.0 | 2.5 | 2.0 | 7.5 | 5.5 | 6.5 | 9.5 | 10.5 | 10.5 | 10.0 | 11.5 | 10.5 | 11.0 | 9.5 | 7.0 | 9.5 | 7.5 | 8.5 | 5.0 | 6.0 | 5.0 | 7.0 | 11.5 |
| 13 | 7.5 | 11.0 | 10.5 | 5.5 | 6.5 | 7.5 | 6.5 | 6.0 | 5.5 | 4.5 | 8.5 | 11.0 | 10.0 | 9.0 | 6.0 | 11.5 | 13.5 | 15.0 | 9.5 | 7.0 | 4.0 | 5.5 | 5.5 | 5.0 | 8.0 | 15.0 |
| 14 | 4.0 | 6.0 | 4.5 | 5.0 | 8.5 | 11.0 | 10.0 | 8.0 | 8.5 | 7.5 | 7.0 | 7.5 | 6.5 | 7.5 | 5.5 | 5.0 | 6.5 | 6.0 | 7.5 | 14.0 | 9.0 | 3.5 | 2.5 | 3.0 | 7.0 | 14.0 |
| 15 | 2.5 | 1.5 | 2.0 | 2.0 | 2.0 | 1.5 | 2.5 | 3.5 | 3.5 | 4.0 | 5.5 | 5.0 | 5.5 | 6.5 | 6.5 | 6.5 | 5.0 | 5.0 | 4.0 | 9.0 | 14.0 | 13.0 | 15.0 | 14.0 | 6.0 | 15.0 |
| 16 | 12.5 | 12.0 | 6.0 | 2.5 | 2.5 | 2.5 | 10.5 | 8.0 | 7.0 | 5.5 | 3.5 | 4.0 | 9.0 | 13.5 | 10.0 | 12.0 | 14.0 | 9.5 | 8.0 | 13.5 | 15.0 | 11.0 | 17.5 | 16.5 | 9.5 | 17.5 |
| 17 | 7.5 | 3.0 | 1.5 | 2.0 | 2.0 | 2.0 | 4.0 | 4.0 | 3.5 | 3.0 | 5.0 | 6.0 | 9.0 | 9.5 | 5.0 | 8.0 | 10.0 | 6.0 | 8.5 | 6.0 | 5.5 | 3.5 | 5.5 | 2.5 | 5.0 | 10.0 |
| 18 | 4.5 | 3.5 | 1.5 | 1.0 | 1.5 | 1.5 | 2.0 | 2.5 | 3.5 | 5.0 | 7.5 | 10.0 | 10.0 | 12.5 | 7.0 | 7.0 | 7.0 | 7.5 | 9.5 | 11.0 | 10.0 | 6.5 | 4.5 | 2.0 | 6.0 | 12.5 |
| 19 | 2.0 | 2.0 | 3.0 | 1.5 | 2.0 | 1.0 | 2.0 | 3.5 | 4.0 | 4.5 | 5.0 | 5.0 | 5.5 | 5.5 | 6.5 | 6.0 | 5.5 | 6.0 | 2.5 | 2.5 | 1.5 | 1.5 | 2.5 | 2.0 | 3.5 | 6.5 |
| 20 | 2.0 | 2.0 | 1.5 | 2.5 | 2.0 | 2.0 | 1.5 | 2.5 | 3.5 | 4.0 | 6.0 | 9.0 | 13.0 | 18.5 | 16.0 | 14.5 | 15.0 | 18.5 | 18.5 | 17.5 | 14.0 | 17.0 | 11.0 | 6.0 | 9.0 | 18.5 |
| 21 | 9.5 | 11.5 | 7.0 | 6.0 | 5.5 | 2.5 | 4.0 | 4.0 | 4.5 | 5.5 | 12.0 | 12.0 | 13.0 | 12.5 | 12.0 | 15.5 | 11.5 | 11.5 | 13.0 | 17.5 | 14.0 | 13.5 | 13.5 | 12.0 | 10.0 | 17.5 |
| 22 | 8.0 | 13.5 | 14.0 | 18.5 | 24.0 | 15.5 | 17.0 | 17.0 | 18.0 | 18.0 | 13.5 | 4.0 | 6.5 | 12.5 | 10.0 | 11.5 | 15.5 | 14.5 | 6.5 | 7.0 | 6.0 | 4.5 | 4.5 | 2.0 | 12.0 | 24.0 |
| 23 | 3.5 | 3.0 | 6.0 | 6.0 | 2.0 | 4.0 | 2.0 | 6.0 | 7.5 | 7.5 | 6.5 | 6.5 | 11.0 | 10.5 | 10.5 | 14.5 | 18.0 | 18.5 | 21.0 | 19.5 | 17.0 | 7.5 | 2.0 | 1.5 | 9.0 | 21.0 |
| 24 | 1.5 | 1.5 | 1.5 | 2.0 | 1.0 | 1.5 | 2.0 | 2.5 | 4.0 | 6.5 | 7.0 | 6.5 | 8.5 | 7.5 | 8.0 | 6.0 | 7.0 | 10.5 | 13.5 | 13.5 | 11.0 | 8.5 | 5.0 | 7.5 | 6.0 | 13.5 |
| 25 | 8.0 | 1.5 | 7.5 | 2.0 | 1.5 | 1.0 | 1.0 | 2.5 | 2.5 | 5.0 | 8.5 | 14.0 | 14.0 | 13.0 | 12.5 | 13.0 | 9.0 | 9.5 | 11.0 | 10.5 | 11.5 | 8.0 | 13.0 | 7.5 | 8.0 | 14.0 |
| 26 | 11.5 | 5.0 | 4.5 | 6.5 | 6.5 | 6.0 | 4.0 | 5.0 | 6.5 | 6.5 | 5.5 | 8.5 | 8.0 | 8.5 | 6.0 | 5.0 | 4.5 | 5.5 | 7.0 | 4.0 | 2.5 | 3.0 | 3.5 | 2.5 | 5.5 | 11.5 |
| 27 | 2.0 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 2.5 | 3.5 | 2.5 | 3.5 | 3.0 | 6.5 | 10.0 | 8.0 | 8.0 | 9.0 | 8.0 | 7.5 | 8.5 | 6.0 | 8.5 | 4.5 | 2.5 | 4.5 | 10.0 |
| 28 | 1.5 | 3.0 | 3.5 | 2.0 | 1.5 | 2.5 | 2.0 | 2.5 | 3.0 | 3.0 | 3.5 | 4.0 | 5.5 | 4.5 | 6.5 | 7.0 | 6.0 | 5.0 | 5.5 | 4.0 | 2.0 | 3.5 | 3.0 | 3.0 | 3.5 | 7.0 |
| 29 | 3.5 | 1.5 | 2.0 | 2.0 | 2.5 | 1.5 | 2.0 | 2.5 | 3.5 | 4.5 | 3.5 | 5.5 | 5.0 | 7.0 | 17.0 | 10.0 | 5.0 | 6.5 | 14.0 | 16.5 | 17.5 | 19.0 | 16.5 | 16.0 | 7.5 | 19.0 |
| 30 | 12.0 | 10.0 | 11.5 | 7.0 | 4.0 | 1.5 | 8.0 | 8.5 | 9.5 | 10.5 | 13.0 | 17.0 | 15.5 | 19.0 | 17.0 | 17.0 | 14.5 | 7.5 | 7.5 | 8.0 | 8.5 | 7.5 | 7.5 | 9.5 | 10.5 | 19.0 |
| 31 | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) |
| AV | 5.5 | 4.5 | 4.0 | 3.5 | 4.0 | 3.5 | 4.0 | 4.5 | 6.0 | 7.5 | 9.0 | 10.0 | 11.0 | 12.0 | 11.0 | 12.0 | 11.5 | 11.0 | 11.0 | 10.5 | 9.5 | 9.0 | 8.5 | 6.5 | 8.0 | ( ) |
| SD | 3.4 | 3.6 | 3.1 | 3.3 | 4.2 | 3.5 | 3.8 | 3.3 | 4.1 | 4.7 | 4.8 | 5.0 | 4.3 | 4.4 | 4.2 | 4.4 | 4.7 | 4.4 | 4.7 | 4.6 | 4.2 | 4.2 | 4.9 | 4.6 | 2.3 | ( ) |

OUTPT [VERSION N 28 JUL 76]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JULY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 13.0 | 12.5 | 9.5 | 6.0 | 4.5 | 4.0 | 5.0 | 10.0 | 11.5 | 7.5 | 6.5 | 8.0 | 9.5 | 7.0 | 8.5 | 9.5 | 10.0 | 10.5 | 7.5 | 6.0 | 8.5 | 8.5 | 4.5 | 3.0 | 8.0 | 13.0 |
| 2 | 3.0 | 6.5 | 8.0 | 4.5 | 3.5 | 6.5 | 7.5 | 5.0 | 3.0 | 4.5 | 7.0 | 8.0 | 8.0 | 6.5 | 11.0 | 12.5 | 11.0 | 9.5 | 5.5 | 4.5 | 9.5 | 11.0 | 6.5 | 4.0 | 7.0 | 12.5 |
| 3 | 6.5 | 3.0 | 3.0 | 2.5 | 4.0 | 3.0 | 1.5 | 3.5 | 4.0 | 3.5 | 4.0 | 5.5 | 6.0 | 7.0 | 9.0 | 7.5 | 6.5 | 4.0 | 5.5 | 3.5 | 6.5 | 7.0 | 5.0 | 2.0 | 4.5 | 9.0 |
| 4 | 1.5 | 1.5 | 2.0 | 1.5 | 2.5 | 2.0 | 1.0 | 2.0 | 3.5 | 3.0 | 4.5 | 6.0 | 7.0 | 10.5 | 8.0 | 10.5 | 10.0 | 9.0 | 6.5 | 4.0 | 5.5 | 4.0 | 4.5 | 3.5 | 5.0 | 10.5 |
| 5 | 2.5 | 3.0 | 2.5 | 1.5 | 1.5 | 1.5 | 1.5 | 2.5 | 3.0 | 3.5 | 4.5 | 5.5 | 4.5 | 7.0 | 10.0 | 7.5 | 7.5 | 8.5 | 7.5 | 3.0 | 4.0 | 5.5 | 3.0 | 3.0 | 4.5 | 10.0 |
| 6 | 5.0 | 2.0 | 4.5 | 4.0 | 1.5 | 1.5 | 2.0 | 2.5 | 2.5 | 4.0 | 3.5 | 5.0 | 5.5 | 5.5 | 4.5 | 6.5 | 5.5 | 9.0 | 8.0 | 8.5 | 5.0 | 9.5 | 4.5 | 5.5 | 5.0 | 9.5 |
| 7 | 7.5 | 7.5 | 6.5 | 5.5 | 2.5 | 2.0 | 1.5 | 2.0 | 3.5 | 4.5 | 8.5 | 9.5 | 13.0 | 14.5 | 14.5 | 12.0 | 10.5 | 15.0 | 19.5 | 11.5 | 13.5 | 10.0 | 18.0 | 19.0 | 9.5 | 19.5 |
| 8 | 10.5 | 3.5 | 4.5 | 3.5 | 2.5 | 3.0 | 2.5 | 4.0 | 3.5 | 4.5 | 5.5 | 7.0 | 9.0 | 11.5 | 7.0 | 9.0 | 6.5 | 7.0 | 3.0 | 6.5 | 12.0 | 10.0 | 8.5 | 10.0 | 6.5 | 12.0 |
| 9 | 8.5 | 12.0 | 5.5 | 10.0 | 10.0 | 9.5 | 5.5 | 4.5 | 9.0 | 5.0 | 8.0 | 7.0 | 7.5 | 8.5 | 13.5 | 8.5 | 6.5 | 5.5 | 3.5 | 6.5 | 9.0 | 11.0 | 8.5 | 17.0 | 8.5 | 17.0 |
| 10 | 13.0 | 11.5 | 4.5 | 7.5 | 5.0 | 2.0 | 3.5 | 4.0 | 4.5 | 5.5 | 5.5 | 6.5 | 7.0 | 5.5 | 10.5 | 14.5 | 14.5 | 10.0 | 4.5 | 4.5 | 10.0 | 10.0 | 7.5 | 4.5 | 7.5 | 14.5 |
| 11 | 4.5 | 4.5 | 3.0 | 2.5 | 2.0 | 2.0 | 1.5 | 2.0 | 3.5 | 4.0 | 5.5 | 3.5 | 5.5 | 5.5 | 6.0 | 13.5 | 7.5 | 8.5 | 15.0 | 6.5 | 6.5 | 8.5 | 5.5 | 9.5 | 5.5 | 15.0 |
| 12 | 8.5 | 10.5 | 15.5 | 17.5 | 14.5 | 5.5 | 8.5 | 8.5 | 7.5 | 6.0 | 6.5 | 4.5 | 12.5 | 9.5 | 11.0 | 9.5 | 15.0 | 11.5 | 10.5 | 8.5 | 5.5 | 4.0 | 5.0 | 5.0 | 9.0 | 17.5 |
| 13 | 3.5 | 2.5 | 4.5 | 2.0 | 2.0 | 1.5 | 3.0 | 4.0 | 4.0 | 3.5 | 4.5 | 5.0 | 7.5 | 8.5 | 8.5 | 8.5 | 7.5 | 6.0 | 4.5 | 2.5 | 3.0 | 3.5 | 4.5 | 3.0 | 4.5 | 8.5 |
| 14 | 8.0 | 4.0 | 2.0 | 2.0 | 1.5 | 1.5 | 2.0 | 2.0 | 3.5 | 5.0 | 4.5 | 6.5 | 6.5 | 9.0 | 13.0 | 8.5 | 9.0 | 8.5 | 7.0 | 4.0 | 3.5 | 5.5 | 8.0 | 6.0 | 5.5 | 13.0 |
| 15 | 6.5 | 2.5 | 2.0 | 2.0 | 1.5 | 2.5 | 2.0 | 3.5 | 4.0 | 4.0 | 5.5 | 6.0 | 8.0 | 6.5 | 8.0 | 7.0 | 5.0 | 5.5 | 3.5 | 2.0 | 2.0 | 2.0 | 2.5 | 3.0 | 4.0 | 8.0 |
| 16 | 4.0 | 2.0 | 1.5 | 1.5 | 2.0 | 1.5 | 1.0 | 3.0 | 1.5 | 3.5 | 3.5 | 5.0 | 5.5 | 9.0 | 5.5 | 9.0 | 8.5 | 5.5 | 7.0 | 4.5 | 2.5 | 11.0 | 11.5 | 12.0 | 5.0 | 12.0 |
| 17 | 6.0 | 4.0 | 3.5 | 4.0 | 2.5 | 3.0 | 1.5 | 4.0 | 8.0 | 8.5 | 6.5 | 8.0 | 6.0 | 6.5 | 10.5 | 10.0 | 11.0 | 10.0 | 18.5 | 10.5 | 7.5 | 10.0 | 5.5 | 3.0 | 7.0 | 18.5 |
| 18 | 6.5 | 7.5 | 8.0 | 4.0 | 3.0 | 4.0 | 2.0 | 2.0 | 3.5 | 3.0 | 6.5 | 7.5 | 4.5 | 9.5 | 13.0 | 11.0 | 11.5 | 8.0 | 3.5 | 7.5 | 11.5 | 8.5 | 2.5 | 3.0 | 6.5 | 13.0 |
| 19 | 3.5 | 4.0 | 3.5 | 2.0 | 1.5 | 1.5 | 2.5 | 2.0 | 2.5 | 4.0 | 6.0 | 6.0 | 7.0 | 8.0 | 14.5 | 17.0 | 9.5 | 9.5 | 17.0 | 21.0 | 18.5 | 11.5 | 13.5 | 13.5 | 8.5 | 21.0 |
| 20 | 8.0 | 5.0 | 4.0 | 5.5 | 2.5 | 4.0 | 3.0 | 3.5 | 3.5 | 2.5 | 3.5 | 4.0 | 5.0 | 5.0 | 7.5 | 17.5 | 11.5 | 7.0 | 6.0 | 7.5 | 6.0 | 6.0 | 2.0 | 2.0 | 5.5 | 17.5 |
| 21 | 2.5 | 2.0 | 2.0 | 2.0 | 2.0 | 2.5 | 1.5 | 3.5 | 2.5 | 3.5 | 5.0 | 5.0 | 6.0 | 7.5 | 7.0 | 8.5 | 13.0 | 8.5 | 7.0 | 2.5 | 4.0 | 3.5 | 3.5 | 8.0 | 4.5 | 13.0 |
| 22 | 2.5 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.5 | 2.5 | 2.5 | 3.5 | 4.0 | 5.0 | 7.0 | 6.0 | 8.5 | 8.5 | 9.0 | 9.0 | 9.5 | 7.5 | 3.5 | 2.5 | 1.5 | 2.5 | 4.5 | 9.5 |
| 23 | 7.5 | 3.5 | 2.0 | 2.0 | 2.0 | 1.5 | 2.5 | 2.0 | 3.0 | 5.0 | 5.0 | 5.0 | 7.5 | 8.5 | 9.5 | 7.5 | 7.5 | 9.0 | 3.5 | 3.0 | 6.0 | 13.0 | 16.0 | 12.0 | 6.0 | 16.0 |
| 24 | 4.0 | 3.5 | 2.0 | 2.0 | 2.0 | 2.5 | 2.5 | 2.5 | 5.0 | 5.0 | 6.0 | 7.5 | 9.0 | 7.5 | 5.0 | 7.5 | 17.0 | 14.0 | 8.5 | 9.5 | 11.0 | 9.5 | 9.5 | 13.0 | 7.0 | 17.0 |
| 25 | 16.0 | 14.0 | 12.0 | 13.0 | 9.5 | 9.0 | 9.5 | 14.5 | 8.5 | 7.5 | 3.0 | 5.0 | 10.0 | 18.5 | 13.0 | 12.5 | 12.0 | 12.5 | 8.5 | 4.0 | 4.0 | 2.5 | 4.0 | 1.5 | 9.5 | 18.5 |
| 26 | 3.5 | 3.0 | 2.0 | 1.5 | 1.5 | 2.0 | 2.5 | 2.0 | 2.0 | 3.5 | 4.0 | 5.0 | 7.5 | 8.0 | 10.5 | 13.0 | 8.0 | 7.5 | 7.5 | 6.5 | 9.5 | 13.0 | 13.0 | 13.5 | 6.5 | 13.5 |
| 27 | 12.0 | 11.0 | 9.0 | 11.5 | 9.0 | 2.5 | 2.5 | 3.5 | 4.0 | 5.0 | 6.0 | 8.5 | 8.0 | 6.0 | 7.5 | 7.5 | 8.5 | 9.5 | 8.5 | 2.5 | 3.5 | 2.5 | 2.5 | 2.5 | 6.5 | 12.0 |
| 28 | 3.5 | 3.5 | 2.0 | 1.5 | 1.5 | 1.5 | 2.0 | 3.5 | 2.5 | 3.5 | 4.0 | 7.5 | 5.5 | 11.5 | 19.0 | 15.5 | 8.0 | 4.0 | 5.5 | 7.0 | 2.5 | 3.5 | 2.5 | 1.5 | 5.0 | 19.0 |
| 29 | 5.0 | 2.5 | 2.0 | 2.0 | 2.0 | 2.0 | 1.5 | 2.5 | 3.0 | 4.0 | 7.5 | 6.0 | 8.0 | 13.0 | 10.0 | 13.5 | 11.5 | 11.5 | 8.0 | 5.0 | 2.0 | 3.5 | 5.5 | 7.5 | 6.0 | 13.5 |
| 30 | 8.5 | 7.5 | 3.0 | 7.5 | 2.5 | 2.5 | 3.5 | 6.0 | 5.0 | 3.5 | 5.0 | 5.0 | 7.0 | 5.0 | 7.5 | 8.0 | 11.5 | 9.5 | 13.0 | 8.5 | 8.5 | 6.0 | 9.5 | 5.5 | 6.5 | 13.0 |
| 31 | 2.5 | 7.5 | 11.0 | 7.5 | 3.5 | 3.5 | 2.5 | 2.5 | 5.0 | 5.0 | 7.5 | 7.5 | 8.5 | 8.0 | 8.0 | 8.5 | 8.0 | 13.0 | 8.0 | 16.5 | 17.0 | 7.5 | 6.0 | 5.0 | 7.5 | 17.0 |
| AV | 6.5 | 5.5 | 4.5 | 4.5 | 3.5 | 3.0 | 3.0 | 4.0 | 4.5 | 4.5 | 5.5 | 6.0 | 7.5 | 8.5 | 9.5 | 10.5 | 9.5 | 9.0 | 8.0 | 6.5 | 7.0 | 7.0 | 6.5 | 6.5 | 6.5 | [ ] |
| SD | 3.6 | 3.6 | 3.5 | 3.9 | 3.0 | 2.0 | 2.1 | 2.7 | 2.3 | 1.4 | 1.4 | 1.4 | 2.0 | 2.9 | 3.2 | 3.0 | 2.8 | 2.6 | 4.3 | 4.1 | 4.2 | 3.4 | 4.1 | 4.8 | 1.5 | [ ] |

OUTPT [VERSION N 28 JUL 76]

WIND SPEED @ 20M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

MAY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.0 | 2.0 | 1.5 | 1.0 | 1.5 | 1.0 | 1.5 | 1.5 | 4.0 | 4.0 | 5.5 | 5.0 | 6.5 | 7.0 | 7.0 | 7.0 | 4.5 | 6.5 | 3.5 | 5.5 | 12.5 | 13.5 | 8.5 | 10.5 | 5.5 | 13.5 |
| 2 | 7.5 | 5.0 | 1.5 | 1.0 | 1.5 | 1.5 | 1.0 | 2.5 | 2.5 | 2.5 | 3.5 | 6.0 | 6.5 | 9.5 | 6.5 | 4.0 | 3.5 | 3.5 | 1.5 | 3.0 | 2.0 | 2.0 | 2.5 | 1.5 | 3.5 | 9.5 |
| 3 | 1.5 | 2.0 | 1.5 | 1.0 | 1.5 | 1.5 | 2.0 | 2.0 | 3.0 | 3.5 | 3.5 | 4.0 | 4.5 | 12.0 | 13.5 | 11.0 | 12.5 | 13.5 | 11.5 | 8.5 | 12.0 | 13.0 | 5.5 | 7.5 | 6.5 | 13.5 |
| 4 | 14.5 | 13.5 | 13.0 | 12.0 | 10.0 | 13.5 | 18.0 | 20.5 | 19.0 | 15.0 | 14.0 | 14.0 | 13.5 | 7.0 | 12.5 | 11.0 | 11.0 | 12.0 | 10.0 | 4.5 | 5.5 | 13.5 | 13.0 | 9.5 | 12.5 | 20.5 |
| 5 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 1.0 | 2.0 | 2.5 | 3.5 | 4.0 | 5.5 | 6.5 | 10.0 | 10.5 | 10.5 | 9.0 | 8.0 | 10.0 | 10.0 | 3.0 | 2.0 | 6.5 | 9.5 | 9.5 | 5.5 | 10.5 |
| 6 | 11.5 | 9.5 | 4.0 | 7.0 | 6.5 | 3.5 | 2.0 | 2.0 | 4.0 | 5.0 | 10.0 | 6.5 | 12.5 | 3.5 | 5.0 | 7.0 | 5.0 | 2.5 | 1.5 | 7.5 | 7.0 | 3.5 | 3.5 | 3.5 | 5.5 | 12.5 |
| 7 | 1.0 | 2.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.5 | 2.0 | 2.5 | 5.0 | 6.5 | 6.5 | 6.0 | 7.0 | 3.5 | 6.5 | 5.5 | 4.5 | 10.0 | 6.5 | 7.5 | 5.5 | 2.0 | 3.0 | 4.0 | 10.0 |
| 8 | 9.0 | 18.0 | 11.0 | 9.5 | 3.0 | 1.5 | 7.0 | 4.0 | 3.5 | 5.5 | 6.5 | 8.5 | 5.5 | 4.5 | 7.0 | 15.5 | 13.5 | 9.0 | 4.5 | 4.5 | 4.0 | 2.5 | 8.0 | 4.0 | 7.0 | 18.0 |
| 9 | 9.5 | 10.5 | 9.0 | 5.5 | 3.5 | 2.0 | 2.5 | 1.5 | 3.0 | 4.5 | 4.0 | 4.5 | 3.5 | 4.0 | 6.0 | 7.5 | 9.0 | 9.0 | 12.5 | 16.5 | 20.0 | 18.5 | 10.5 | 3.0 | 7.5 | 20.0 |
| 10 | 1.5 | 1.5 | 1.5 | 3.0 | 1.0 | 2.0 | 1.0 | 1.5 | 5.0 | 3.5 | 4.0 | 3.5 | 4.0 | 11.0 | 10.0 | 6.5 | 5.5 | 4.0 | 3.5 | 3.5 | 5.5 | 7.5 | 12.5 | 6.5 | 4.5 | 12.5 |
| 11 | 3.0 | 4.0 | 9.0 | 3.5 | 3.5 | 2.0 | 2.5 | 2.0 | 2.0 | 4.5 | 8.5 | 12.5 | 13.0 | 10.5 | 15.5 | 15.5 | 17.0 | 17.0 | 18.0 | 18.5 | 21.5 | 18.5 | 13.0 | 7.5 | 10.0 | 21.5 |
| 12 | 10.0 | 4.0 | 1.5 | 3.0 | 1.0 | 3.5 | 2.0 | 2.5 | 4.0 | 5.5 | 15.0 | 17.0 | 15.5 | 12.0 | 9.0 | 6.5 | 10.0 | 9.0 | 10.0 | 4.0 | 4.5 | 4.0 | 2.5 | 3.5 | 6.5 | 17.0 |
| 13 | 1.5 | 2.0 | 1.5 | 2.5 | 1.5 | 1.0 | 1.0 | 2.0 | 3.0 | 4.0 | 3.0 | 3.5 | 4.0 | 4.5 | 5.0 | 5.0 | 4.0 | 5.0 | 4.5 | 7.0 | 5.0 | 4.5 | 3.0 | 4.0 | 3.5 | 7.0 |
| 14 | 4.5 | 2.5 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 2.5 | 4.0 | 4.0 | 4.0 | 5.5 | 4.5 | 6.5 | 12.0 | 10.5 | 10.0 | 7.5 | 10.5 | 13.0 | 14.0 | 13.0 | 11.0 | 6.0 | 14.0 |
| 15 | 12.0 | 11.5 | 7.0 | 8.5 | 7.5 | 8.0 | 11.0 | 7.0 | 7.5 | 7.0 | 8.5 | 8.5 | 8.0 | 10.5 | 12.0 | 14.0 | 16.0 | 16.0 | 15.5 | 15.5 | 16.5 | 13.0 | 7.5 | 8.5 | 10.5 | 16.5 |
| 16 | 7.0 | 7.0 | 6.0 | 4.5 | 3.5 | 6.0 | 5.0 | 5.0 | 4.5 | 6.0 | 7.0 | 6.0 | 5.0 | 4.5 | 6.0 | 5.5 | 4.0 | 3.5 | 3.0 | 2.5 | 1.5 | 1.0 | 2.5 | 1.5 | 4.5 | 7.0 |
| 17 | 2.0 | 2.0 | 1.0 | 2.0 | 1.0 | 1.5 | 1.0 | 2.0 | 3.0 | 4.0 | 3.5 | 4.0 | 5.5 | 7.5 | 6.0 | 7.0 | 5.0 | 3.0 | 2.5 | 2.5 | 10.5 | 14.5 | 13.5 | 7.0 | 4.5 | 14.5 |
| 18 | 6.0 | 2.0 | 1.5 | 2.5 | 2.0 | 1.5 | 1.5 | 1.5 | 3.0 | 4.0 | 6.5 | 7.0 | 9.5 | 16.5 | 12.0 | 10.5 | 10.5 | 11.5 | 8.5 | 7.0 | 8.5 | 4.5 | 5.0 | 8.5 | 6.5 | 16.5 |
| 19 | 8.0 | 4.5 | 7.5 | 15.0 | 9.5 | 5.0 | 4.0 | 8.0 | 6.0 | 6.0 | 10.5 | 5.5 | 8.5 | 16.5 | 8.0 | 13.0 | 18.0 | 14.0 | 12.5 | 11.5 | 16.0 | 11.5 | 5.5 | 4.0 | 9.5 | 18.0 |
| 20 | 4.0 | 3.5 | 2.5 | 4.0 | 6.5 | 15.0 | 6.0 | 4.0 | 5.5 | 8.5 | 8.0 | 10.5 | 9.0 | 12.5 | 12.5 | 11.0 | 10.5 | 9.5 | 6.5 | 7.5 | 5.5 | 6.0 | 10.0 | 5.5 | 7.5 | 15.0 |
| 21 | 10.0 | 9.0 | 3.0 | 6.0 | 3.0 | 3.0 | 1.0 | 2.5 | 2.5 | 4.5 | 12.5 | 16.5 | 19.0 | 12.0 | 5.5 | 3.5 | 2.5 | 4.0 | 1.5 | 1.5 | 5.0 | 4.5 | 3.5 | 6.0 | 6.0 | 19.0 |
| 22 | 3.5 | 1.5 | 7.5 | 5.5 | 6.0 | 2.5 | 1.5 | 1.5 | 2.0 | 3.5 | 6.0 | 7.0 | 9.5 | 9.5 | 12.5 | 8.5 | 16.0 | 19.0 | 14.5 | 6.0 | 1.5 | 2.0 | 4.5 | 8.0 | 6.5 | 19.0 |
| 23 | 8.5 | 4.5 | 2.5 | 5.0 | 3.0 | 4.0 | 6.0 | 3.0 | 3.5 | 4.5 | 3.0 | 4.0 | 4.5 | 4.5 | 6.0 | 5.0 | 5.5 | 4.5 | 4.5 | 6.5 | 7.0 | 2.5 | 9.5 | 5.5 | 5.0 | 9.5 |
| 24 | 4.5 | 6.0 | 3.0 | 6.0 | 3.5 | 2.0 | 2.5 | 3.5 | 5.0 | 4.0 | 4.5 | 5.5 | 4.0 | 8.5 | 13.0 | 13.0 | 13.5 | 8.0 | 4.0 | 4.5 | 4.5 | 5.0 | 5.5 | 4.0 | 5.5 | 13.5 |
| 25 | 3.5 | 2.0 | 2.5 | 1.5 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 4.5 | 3.0 | 6.5 | 14.0 | 12.5 | 14.5 | 11.5 | 6.0 | 4.0 | 6.5 | 8.0 | 7.5 | 2.5 | 4.0 | 2.5 | 5.5 | 14.5 |
| 26 | 1.5 | 2.0 | 3.0 | 3.0 | 1.5 | 2.0 | 2.0 | 2.0 | 4.0 | 4.0 | 5.0 | 5.0 | 4.5 | 5.5 | 6.5 | 6.0 | 5.0 | 2.5 | 2.5 | 1.5 | 3.0 | 2.5 | 2.0 | 1.5 | 3.5 | 6.5 |
| 27 | 2.5 | 3.0 | 3.0 | 1.5 | 1.5 | 1.5 | 2.0 | 2.0 | 3.5 | 4.5 | 4.0 | 5.5 | 8.5 | 8.5 | 9.0 | 5.5 | 4.0 | 5.5 | 5.5 | 6.0 | 5.5 | 5.0 | 3.0 | 4.0 | 4.5 | 9.0 |
| 28 | 2.5 | 2.5 | 1.0 | 2.0 | 1.5 | 1.5 | 2.0 | 1.5 | 2.5 | 5.0 | 7.5 | 6.5 | 7.0 | 10.5 | 12.5 | 14.0 | 12.5 | 12.5 | 16.5 | 15.5 | 12.0 | 10.0 | 10.5 | 9.5 | 7.5 | 16.5 |
| 29 | 6.0 | 2.0 | 1.5 | 3.5 | 4.0 | 5.0 | 3.0 | 2.0 | 3.5 | 3.5 | 4.5 | 5.5 | 6.0 | 6.0 | 9.5 | 13.0 | 14.0 | 12.5 | 11.5 | 7.0 | 12.0 | 10.5 | 4.5 | 3.5 | 6.5 | 14.0 |
| 30 | 3.0 | 3.0 | 5.5 | 4.5 | 2.0 | 1.0 | 1.5 | 7.5 | 4.5 | 3.0 | 4.5 | 5.0 | 6.0 | 4.5 | 4.5 | 5.5 | 11.0 | 12.5 | 13.5 | 16.0 | 12.0 | 4.0 | 1.5 | 3.5 | 6.0 | 16.0 |
| 31 | 2.0 | 2.5 | 2.0 | 1.5 | 2.0 | 1.0 | 1.5 | 2.0 | 2.5 | 3.0 | 3.0 | 4.5 | 6.0 | 7.5 | 6.5 | 9.5 | 11.0 | 8.5 | 3.5 | 3.0 | 7.0 | 5.5 | 3.0 | 2.0 | 4.0 | 11.0 |
| AV | 5.5 | 5.0 | 4.0 | 4.0 | 3.0 | 3.0 | 3.0 | 3.5 | 4.0 | 5.0 | 6.5 | 7.0 | 8.0 | 8.5 | 9.0 | 9.0 | 9.5 | 8.5 | 8.0 | 7.5 | 8.5 | 7.5 | 6.5 | 5.5 | 6.0 | [ ] |
| SD | 3.7 | 4.0 | 3.2 | 3.3 | 2.5 | 3.3 | 3.5 | 3.6 | 3.0 | 2.2 | 3.2 | 3.5 | 3.8 | 3.5 | 3.3 | 3.5 | 4.4 | 4.5 | 4.8 | 4.7 | 5.2 | 5.1 | 3.9 | 2.8 | 2.1 | [ ] |

OUTPT [VERSION N 28 JUL 76]

WIND SPEED @ 20M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JUNE,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.0 | 3.0 | 2.0 | 2.5 | 4.0 | 2.0 | 1.5 | 2.5 | 3.0 | 5.0 | 6.0 | 6.5 | 6.0 | 11.5 | 11.5 | 13.0 | 12.5 | 9.0 | 6.5 | 5.0 | 9.5 | 14.5 | 16.5 | 12.0 | 7.0 | 16.5 |
| 2 | 6.5 | 5.5 | 2.0 | 1.5 | 1.0 | 2.0 | 2.0 | 2.0 | 3.0 | 4.5 | 4.0 | 8.5 | 10.5 | 7.5 | 17.0 | 16.0 | 15.0 | 12.0 | 11.0 | 8.5 | 11.0 | 11.5 | 10.5 | 7.0 | 7.5 | 17.0 |
| 3 | 8.0 | 2.5 | 3.0 | 2.0 | 2.5 | 2.0 | 2.0 | 2.0 | 4.0 | 17.0 | 20.5 | 20.0 | 19.5 | 17.0 | 15.5 | 19.0 | 18.5 | 15.0 | 12.0 | 7.0 | 9.0 | 11.5 | 15.0 | 14.0 | 11.0 | 20.5 |
| 4 | 11.5 | 11.5 | 3.5 | 2.0 | 1.5 | 1.5 | 2.0 | 2.0 | 3.0 | 4.5 | 12.5 | 17.0 | 17.0 | 18.0 | 12.5 | 15.0 | 14.0 | 12.5 | 9.5 | 8.5 | 10.0 | 12.0 | 15.5 | 5.0 | 9.5 | 18.0 |
| 5 | 7.5 | 6.0 | 1.0 | 1.5 | 1.0 | 1.0 | 1.0 | 2.5 | 3.0 | 5.0 | 5.5 | 7.0 | 11.0 | 13.5 | 13.0 | 15.0 | 15.0 | 13.5 | 13.0 | 10.0 | 9.5 | 11.5 | 5.5 | 3.0 | 7.5 | 15.0 |
| 6 | 1.5 | 2.0 | 3.5 | 2.5 | 2.5 | 2.0 | 1.5 | 1.5 | 3.0 | 14.5 | 17.0 | 17.0 | 15.5 | 16.0 | 13.5 | 13.5 | 10.5 | 14.5 | 20.0 | 18.0 | 16.5 | 18.0 | 17.5 | 16.0 | 11.0 | 20.0 |
| 7 | 8.5 | 5.0 | 3.0 | 3.0 | 4.0 | 1.5 | 2.0 | 2.5 | 8.0 | 10.5 | 11.0 | 12.0 | 7.5 | 8.0 | 11.5 | 12.5 | 15.0 | 14.0 | 13.0 | 12.0 | 13.0 | 11.5 | 12.0 | 7.5 | 8.5 | 15.0 |
| 8 | 4.5 | 4.0 | 3.0 | 2.5 | 2.5 | 2.0 | 1.5 | 2.5 | 11.0 | 14.5 | 15.5 | 16.5 | 18.5 | 19.5 | 13.5 | 9.5 | 15.0 | 13.0 | 10.0 | 10.5 | 7.5 | 11.5 | 4.5 | 6.5 | 9.0 | 19.5 |
| 9 | 4.5 | 4.0 | 2.0 | 2.0 | 2.0 | 1.5 | 1.5 | 3.0 | 3.0 | 5.5 | 8.5 | 18.0 | 18.0 | 16.5 | 17.0 | 16.0 | 16.5 | 18.0 | 18.0 | 12.0 | 9.5 | 11.5 | 12.5 | 3.5 | 9.5 | 18.0 |
| 10 | 1.5 | 2.0 | 2.5 | 1.5 | 6.0 | 12.0 | 10.5 | 12.5 | 18.0 | 18.5 | 19.5 | 19.5 | 19.5 | 22.5 | 22.0 | 34.0 | 40.0 | 21.5 | 22.5 | 15.0 | 11.0 | 8.0 | 8.5 | 2.0 | 14.5 | 40.0 |
| 11 | 4.0 | 6.5 | 4.0 | 7.0 | 10.0 | 6.5 | 7.5 | 7.5 | 14.0 | 17.5 | 17.0 | 17.0 | 14.5 | 11.0 | 15.0 | 16.5 | 13.0 | 14.5 | 13.0 | 14.0 | 7.0 | 9.5 | 11.0 | 10.0 | 11.0 | 17.5 |
| 12 | 4.5 | 4.0 | 3.0 | 3.0 | 3.5 | 2.5 | 8.5 | 5.5 | 6.5 | 9.5 | 10.5 | 11.0 | 10.5 | 12.0 | 11.5 | 11.0 | 10.0 | 8.0 | 10.0 | 8.5 | 10.0 | 5.0 | 6.0 | 5.5 | 7.5 | 12.0 |
| 13 | 9.0 | 12.5 | 11.0 | 6.5 | 7.0 | 8.0 | 6.5 | 6.5 | 4.5 | 3.5 | 9.0 | 11.5 | 10.0 | 9.0 | 6.5 | 12.0 | 13.5 | 14.5 | 10.0 | 7.5 | 4.5 | 5.5 | 6.0 | 4.0 | 8.5 | 14.5 |
| 14 | 4.0 | 6.0 | 5.0 | 5.5 | 9.5 | 12.0 | 10.5 | 8.0 | 9.5 | 8.0 | 7.0 | 8.0 | 7.5 | 8.0 | 5.5 | 5.5 | 6.5 | 6.0 | 6.0 | 10.0 | 7.0 | 3.0 | 1.5 | 2.5 | 7.0 | 12.0 |
| 15 | 1.5 | 1.5 | 2.5 | 1.5 | 1.5 | 1.0 | 2.0 | 3.0 | 3.5 | 3.5 | 5.0 | 5.0 | 5.5 | 6.5 | 6.5 | 7.0 | 4.5 | 4.0 | 3.5 | 10.0 | 15.0 | 14.0 | 16.5 | 15.0 | 6.0 | 16.5 |
| 16 | 13.5 | 13.5 | 7.0 | 4.0 | 3.5 | 4.0 | 12.0 | 9.0 | 8.0 | 5.0 | 4.0 | 4.0 | 9.0 | 14.0 | 10.0 | 12.0 | 14.5 | 10.5 | 9.0 | 14.0 | 15.0 | 11.5 | 18.5 | 17.0 | 10.0 | 18.5 |
| 17 | 7.5 | 3.5 | 1.0 | 1.0 | 1.5 | 1.0 | 2.0 | 4.0 | 4.0 | 3.0 | 4.5 | 5.5 | 9.0 | 9.0 | 4.5 | 7.5 | 10.0 | 6.5 | 9.0 | 7.0 | 5.5 | 3.5 | 5.0 | 3.0 | 5.0 | 10.0 |
| 18 | 5.5 | 2.5 | 1.5 | 1.5 | 1.0 | 1.5 | 1.5 | 2.5 | 4.0 | 5.5 | 8.0 | 10.0 | 10.5 | 12.0 | 6.5 | 7.0 | 7.0 | 6.5 | 7.0 | 10.5 | 9.5 | 6.5 | 5.5 | 3.0 | 5.5 | 12.0 |
| 19 | 2.0 | 2.5 | 3.0 | 2.0 | 1.0 | 1.0 | 1.5 | 3.5 | 4.5 | 4.5 | 4.0 | 4.5 | 6.0 | 5.5 | 6.5 | 6.0 | 4.5 | 5.5 | 2.5 | 2.5 | 2.0 | 2.5 | 1.0 | 1.5 | 3.5 | 6.5 |
| 20 | 1.0 | .5 | 1.5 | 1.0 | 1.5 | 1.5 | 1.0 | 2.5 | 3.0 | 5.0 | 5.0 | 14.0 | 13.0 | 19.0 | 16.5 | 14.0 | 14.0 | 18.5 | 19.0 | 18.0 | 15.0 | 17.5 | 11.5 | 9.5 | 9.5 | 19.0 |
| 21 | 11.0 | 14.0 | 8.0 | 7.5 | 5.5 | 5.0 | 5.0 | 3.5 | 4.0 | 5.0 | 13.0 | 14.0 | 14.0 | 14.0 | 13.0 | 16.0 | 13.0 | 12.5 | 13.5 | 18.0 | 14.0 | 14.5 | 14.5 | 13.5 | 11.0 | 18.0 |
| 22 | 9.5 | 15.0 | 15.0 | 20.0 | 36.5 | 16.5 | 17.5 | 18.0 | 19.0 | 18.5 | 14.0 | 4.0 | 6.5 | 13.5 | 10.0 | 12.0 | 16.0 | 14.5 | 6.0 | 9.0 | 8.5 | 6.5 | 5.5 | 2.5 | 13.0 | 36.5 |
| 23 | 3.0 | 3.5 | 6.5 | 7.0 | 2.5 | 5.5 | 1.5 | 7.0 | 7.5 | 7.5 | 7.0 | 7.0 | 11.5 | 10.5 | 11.0 | 15.0 | 18.0 | 19.0 | 21.0 | 19.0 | 16.0 | 8.5 | 3.5 | 2.0 | 9.0 | 21.0 |
| 24 | 2.0 | 2.5 | 1.5 | 3.0 | 2.0 | 2.0 | 2.0 | 2.5 | 4.0 | 7.0 | 7.0 | 6.5 | 9.0 | 8.0 | 8.0 | 6.0 | 6.5 | 11.0 | 13.0 | 14.0 | 11.0 | 9.0 | 6.0 | 8.5 | 6.5 | 14.0 |
| 25 | 9.0 | 2.0 | 7.0 | 2.0 | 1.0 | 1.5 | 1.0 | 2.0 | 2.0 | 5.0 | 8.0 | 14.0 | 15.0 | 14.0 | 13.0 | 13.5 | 9.5 | 10.0 | 11.5 | 11.5 | 13.0 | 9.0 | 15.0 | 8.5 | 8.5 | 15.0 |
| 26 | 12.0 | 6.5 | 6.0 | 7.0 | 7.5 | 6.5 | 5.0 | 4.0 | 6.5 | 6.5 | 5.5 | 8.0 | 8.0 | 8.5 | 6.0 | 5.0 | 4.5 | 5.0 | 7.0 | 5.0 | 3.0 | 4.5 | 4.5 | 2.5 | 6.0 | 12.0 |
| 27 | 2.5 | 1.0 | 2.0 | 1.5 | 2.0 | 2.0 | 1.5 | 2.5 | 3.0 | 3.0 | 3.0 | 3.0 | 6.5 | 10.5 | 8.5 | 8.0 | 9.5 | 9.0 | 7.5 | 9.0 | 6.0 | 9.0 | 5.0 | 2.0 | 5.0 | 10.5 |
| 28 | 1.5 | 2.5 | 3.0 | 2.0 | 2.5 | 2.5 | 1.5 | 2.0 | 3.0 | 3.0 | 3.5 | 3.5 | 5.0 | 4.0 | 6.0 | 6.5 | 6.0 | 5.0 | 4.0 | 5.5 | 1.5 | 3.5 | 2.5 | 2.5 | 3.5 | 6.5 |
| 29 | 3.5 | 1.5 | 1.5 | 2.0 | 2.0 | 2.0 | 1.5 | 2.0 | 3.0 | 4.0 | 3.5 | 5.0 | 5.0 | 7.0 | 16.5 | 10.0 | 5.0 | 6.0 | 14.5 | 17.0 | 19.0 | 20.0 | 17.0 | 17.0 | 7.5 | 20.0 |
| 30 | 13.0 | 11.0 | 12.5 | 7.5 | 4.5 | 3.0 | 9.0 | 9.0 | 10.0 | 12.0 | 12.0 | 17.0 | 17.0 | 18.5 | 17.0 | 17.0 | 13.5 | 7.0 | 7.5 | 9.0 | 8.0 | 9.0 | 7.0 | 11.5 | 11.0 | 18.5 |
| 31 | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] |
| AV | 6.0 | 5.5 | 4.5 | 4.0 | 4.5 | 4.0 | 4.0 | 4.5 | 6.0 | 8.0 | 9.0 | 10.5 | 11.0 | 12.0 | 11.5 | 12.5 | 12.5 | 11.0 | 11.0 | 11.0 | 10.0 | 10.0 | 9.5 | 7.5 | 8.5 | [ ] |
| SD | 3.8 | 4.2 | 3.4 | 3.7 | 6.4 | 3.8 | 4.1 | 3.7 | 4.4 | 5.0 | 5.0 | 5.3 | 4.6 | 4.6 | 4.3 | 5.6 | 6.6 | 4.6 | 5.1 | 4.3 | 4.3 | 4.5 | 5.3 | 5.0 | 2.6 | [ ] |

OUTPT [VERSION N 28 JUL 76]

WIND SPEED @ 20M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JULY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
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**********

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 13.0 | 13.5 | 10.0 | 6.5 | 2.5 | 2.0 | 5.5 | 10.5 | 11.0 | 13.0 | 7.0 | 7.5 | 9.0 | 5.5 | 9.0 | 10.0 | 10.5 | 11.0 | 6.0 | 7.0 | 8.5 | 8.5 | 4.5 | 4.5 | 8.5 | 13.5 |
| 2 | 1.5 | 6.0 | 7.0 | 4.5 | 3.5 | 6.0 | 8.0 | 4.5 | 2.5 | 4.0 | 7.0 | 8.5 | 8.0 | 6.0 | 12.5 | 14.5 | 11.5 | 13.5 | 6.0 | 5.0 | 9.5 | 12.0 | 6.5 | 5.0 | 7.0 | 14.5 |
| 3 | 5.5 | 3.5 | 4.5 | 3.5 | 5.0 | 3.0 | 1.0 | 3.0 | 4.0 | 2.0 | 3.0 | 4.0 | 5.5 | 6.0 | 8.5 | 7.0 | 5.0 | 3.5 | 5.0 | 3.5 | 6.5 | 6.5 | 4.0 | 1.5 | 4.5 | 8.5 |
| 4 | 2.0 | 1.0 | 1.0 | 1.5 | 2.5 | 2.0 | 1.0 | 2.0 | 3.0 | 2.5 | 3.5 | 1.0 | 7.5 | 10.0 | 8.0 | 11.0 | 11.0 | 8.5 | 6.5 | 3.5 | 6.0 | 4.5 | 5.5 | 3.5 | 4.5 | 11.0 |
| 5 | 3.0 | 3.5 | 2.0 | 2.0 | 2.0 | 2.0 | 1.5 | 2.0 | 3.0 | 3.5 | 5.0 | 5.0 | 5.0 | 6.0 | 10.0 | 7.0 | 6.5 | 7.5 | 6.0 | 4.0 | 5.0 | 5.5 | 3.5 | 3.5 | 4.5 | 10.0 |
| 6 | 5.0 | 2.0 | 4.5 | 5.0 | 2.0 | 1.5 | 1.5 | 1.5 | 2.0 | 4.0 | 3.0 | 4.0 | 5.0 | 5.0 | 4.0 | 6.5 | 5.0 | 8.5 | 7.5 | 9.5 | 5.0 | 8.5 | 6.5 | 6.5 | 4.5 | 9.5 |
| 7 | 6.5 | 6.5 | 6.5 | 5.5 | 1.5 | 1.5 | 1.5 | 1.0 | 3.0 | 4.5 | 10.5 | 9.0 | 14.0 | 15.0 | 16.0 | 12.0 | 11.0 | 15.0 | 20.0 | 12.0 | 13.0 | 11.0 | 19.5 | 19.5 | 10.0 | 20.0 |
| 8 | 11.0 | 5.0 | 3.0 | 2.5 | 2.5 | 2.0 | 2.0 | 3.0 | 3.0 | 4.0 | 5.0 | 6.0 | 8.5 | 10.5 | 5.5 | 8.0 | 7.0 | 6.5 | 2.5 | 6.5 | 13.0 | 13.0 | 9.0 | 10.0 | 6.0 | 13.0 |
| 9 | 8.5 | 12.5 | 6.0 | 10.5 | 14.0 | 9.0 | 6.0 | 4.5 | 9.5 | 5.0 | 7.5 | 6.5 | 7.0 | 8.0 | 14.0 | 9.0 | 5.5 | 5.5 | 3.0 | 7.0 | 10.0 | 12.0 | 8.5 | 17.0 | 8.5 | 17.0 |
| 10 | 13.0 | 11.0 | 4.0 | 7.5 | 5.0 | 2.5 | 3.0 | 3.0 | 4.0 | 5.0 | 5.5 | 6.0 | 6.5 | 5.5 | 12.0 | 14.5 | 13.5 | 9.5 | 5.0 | 4.5 | 11.5 | 10.0 | 8.5 | 5.5 | 7.5 | 14.5 |
| 11 | 4.5 | 4.5 | 2.5 | 1.0 | 2.0 | 2.0 | 1.5 | 1.5 | 4.0 | 4.5 | 5.0 | 4.5 | 6.0 | 5.0 | 6.5 | 14.0 | 8.0 | 7.5 | 15.5 | 7.0 | 6.0 | 9.5 | 6.5 | 11.0 | 6.0 | 15.5 |
| 12 | 9.5 | 12.0 | 16.5 | 18.5 | 15.5 | 6.0 | 9.5 | 9.5 | 7.5 | 6.0 | 7.5 | 4.5 | 13.0 | 9.5 | 12.0 | 10.5 | 15.5 | 12.5 | 11.5 | 8.0 | 6.5 | 3.5 | 6.5 | 4.5 | 10.0 | 18.5 |
| 13 | 4.0 | 4.0 | 5.5 | 1.5 | 2.0 | 2.0 | 3.5 | 4.0 | 3.5 | 3.5 | 4.5 | 5.0 | 7.5 | 9.0 | 8.0 | 9.0 | 8.5 | 6.5 | 4.5 | 2.0 | 1.5 | 4.5 | 6.5 | 3.0 | 4.5 | 9.0 |
| 14 | 8.5 | 3.5 | 2.0 | 2.0 | 2.0 | 2.0 | 1.5 | 2.0 | 3.5 | 4.5 | 4.0 | 6.5 | 5.5 | 9.5 | 13.0 | 9.0 | 8.5 | 8.0 | 7.5 | 4.5 | 4.0 | 6.5 | 9.0 | 6.5 | 5.5 | 13.0 |
| 15 | 8.0 | 2.0 | 1.5 | 1.5 | 2.0 | 2.0 | 2.0 | 2.5 | 3.5 | 4.5 | 5.5 | 5.5 | 7.5 | 6.0 | 7.0 | 7.5 | 5.5 | 4.5 | 4.5 | 2.0 | 3.5 | 1.5 | 3.0 | 3.5 | 4.0 | 8.0 |
| 16 | 2.5 | 2.0 | 2.0 | 1.5 | 1.5 | 1.5 | 1.0 | 1.0 | 1.5 | 2.5 | 4.0 | 6.0 | 5.5 | 9.0 | 6.5 | 8.5 | 8.0 | 5.5 | 5.5 | 3.5 | 1.5 | 13.0 | 11.5 | 13.0 | 5.0 | 13.0 |
| 17 | 7.0 | 5.0 | 4.0 | 4.5 | 3.5 | 4.0 | 2.5 | 5.5 | 9.0 | 8.5 | 7.5 | 7.5 | 6.5 | 6.5 | 10.0 | 9.5 | 10.0 | 10.5 | 19.0 | 11.0 | 7.5 | 10.0 | 6.0 | 4.5 | 7.5 | 19.0 |
| 18 | 6.5 | 8.0 | 9.0 | 3.0 | 1.5 | 2.5 | 2.5 | 1.5 | 3.5 | 3.0 | 6.0 | 5.5 | 5.0 | 10.5 | 13.0 | 11.0 | 11.0 | 7.5 | 5.0 | 8.0 | 13.0 | 8.0 | 2.0 | 4.0 | 6.5 | 13.0 |
| 19 | 5.0 | 6.0 | 5.0 | 2.0 | 1.0 | 3.0 | 2.0 | 2.0 | 2.5 | 3.5 | 6.0 | 6.0 | 5.5 | 5.5 | 14.0 | 17.5 | 9.0 | 10.0 | 10.5 | 20.5 | 18.5 | 12.5 | 13.5 | 15.0 | 8.5 | 20.5 |
| 20 | 9.5 | 5.5 | 5.0 | 6.0 | 2.5 | 4.0 | 3.5 | 4.5 | 3.5 | 2.5 | 3.0 | 5.5 | 6.0 | 5.5 | 6.0 | 19.0 | 11.5 | 5.5 | 6.0 | 7.5 | 7.0 | 7.0 | 2.0 | 1.0 | 6.0 | 19.0 |
| 21 | 3.5 | 1.5 | 1.0 | 2.0 | 1.5 | 2.5 | 1.5 | 2.5 | 2.5 | 4.0 | 5.0 | 5.5 | 6.5 | 7.0 | 6.5 | 9.0 | 12.0 | 7.5 | 7.0 | 5.0 | 6.0 | 5.0 | 5.0 | 8.0 | 5.0 | 12.0 |
| 22 | 5.5 | 3.0 | 1.0 | 1.5 | 1.0 | 1.0 | 1.0 | 2.5 | 2.5 | 4.0 | 4.5 | 6.0 | 6.0 | 5.5 | 6.0 | 7.0 | 7.0 | 6.5 | 9.0 | 8.5 | 3.5 | 5.0 | 1.5 | 3.5 | 4.5 | 9.0 |
| 23 | 9.0 | 2.5 | 1.0 | 1.5 | 1.0 | 1.0 | 1.5 | 1.5 | 2.5 | 5.0 | 5.5 | 5.5 | 6.0 | 7.5 | 7.5 | 6.0 | 6.0 | 7.0 | 4.5 | 5.5 | 6.5 | 15.0 | 17.0 | 12.0 | 6.0 | 17.0 |
| 24 | 3.0 | 4.5 | 1.5 | 2.5 | 2.0 | 2.5 | 2.5 | 1.5 | 5.0 | 5.0 | 6.0 | 7.0 | 8.0 | 7.0 | 4.5 | 7.0 | 19.0 | 14.0 | 10.5 | 11.5 | 12.0 | 10.5 | 10.5 | 14.0 | 7.0 | 19.0 |
| 25 | 17.0 | 16.5 | 12.5 | 13.5 | 12.0 | 10.5 | 8.5 | 13.5 | 9.0 | 7.0 | 3.0 | 5.0 | 9.0 | 18.5 | 12.5 | 13.0 | 12.0 | 18.0 | 7.5 | 5.0 | 5.0 | 2.5 | 5.0 | 1.5 | 10.0 | 18.5 |
| 26 | 3.5 | 2.5 | 1.5 | 1.5 | 1.5 | 1.5 | 2.5 | 1.5 | 1.5 | 3.0 | 5.0 | 5.5 | 6.0 | 7.0 | 10.5 | 12.5 | 7.0 | 6.5 | 5.0 | 6.5 | 10.5 | 13.5 | 13.5 | 14.0 | 6.0 | 14.0 |
| 27 | 12.0 | 12.5 | 9.5 | 11.5 | 10.5 | 2.5 | 1.5 | 3.5 | 5.0 | 5.5 | 5.5 | 7.5 | 7.0 | 6.0 | 7.0 | 7.0 | 7.5 | 11.5 | 9.0 | 4.5 | 4.5 | 2.5 | 3.0 | 2.5 | 6.5 | 12.5 |
| 28 | 4.5 | 2.5 | 1.0 | 1.5 | 1.0 | 1.5 | 1.5 | 3.0 | 2.5 | 3.0 | 3.0 | 6.0 | 7.5 | 11.0 | 17.0 | 15.5 | 8.5 | 5.0 | 6.0 | 7.0 | 2.5 | 3.0 | 1.5 | 2.5 | 5.0 | 17.0 |
| 29 | 3.0 | 3.0 | 1.0 | 1.5 | 1.5 | 1.5 | 1.0 | 2.5 | 2.5 | 4.5 | 6.0 | 6.0 | 9.0 | 12.0 | 9.0 | 13.5 | 12.0 | 10.5 | 7.0 | 6.0 | 1.5 | 3.5 | 6.0 | 6.5 | 5.5 | 13.5 |
| 30 | 9.0 | 7.0 | 3.0 | 9.0 | 2.0 | 2.5 | 2.5 | 4.5 | 6.0 | 2.5 | 5.0 | 6.0 | 6.0 | 5.5 | 11.5 | 8.0 | 11.0 | 9.5 | 12.5 | 7.5 | 10.0 | 6.5 | 7.5 | 5.0 | 6.5 | 12.5 |
| 31 | 5.0 | 7.0 | 8.5 | 7.0 | 3.5 | 4.5 | 3.0 | 3.0 | 6.0 | 6.0 | 7.0 | 7.0 | 9.0 | 7.0 | 7.0 | 9.0 | 7.5 | 13.5 | 9.0 | 19.5 | 17.0 | 7.0 | 5.0 | 6.0 | 7.5 | 19.5 |
| AV | 6.5 | 6.0 | 4.5 | 4.5 | 3.5 | 3.0 | 3.0 | 3.5 | 4.5 | 4.5 | 5.5 | 6.0 | 7.0 | 8.0 | 9.5 | 10.5 | 9.5 | 9.0 | 8.0 | 7.0 | 7.5 | 8.0 | 7.0 | 7.0 | 6.5 | [ ] |
| SD | 3.7 | 4.0 | 3.8 | 4.2 | 3.8 | 2.2 | 2.2 | 2.8 | 2.5 | 2.1 | 1.7 | 1.5 | 2.1 | 3.1 | 3.4 | 3.3 | 3.1 | 3.4 | 4.5 | 4.2 | 4.3 | 3.7 | 4.3 | 4.9 | 1.7 | [ ] |

OUTPT [VERSION N 28 JUL 76]

WIND SPEED @ 30M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

MAY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.0 | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.5 | 1.5 | 4.0 | 4.0 | 4.5 | 6.0 | 6.0 | 6.0 | 7.0 | 6.5 | 8.0 | 6.0 | 3.0 | 5.0 | 11.0 | 12.0 | 7.5 | 9.0 | 5.0 | 12.0 |
| 2 | 6.5 | 4.5 | 2.0 | 1.0 | 1.5 | 2.0 | 1.0 | 2.5 | 2.5 | 2.5 | 4.5 | 6.0 | 6.0 | 9.0 | 6.0 | 4.5 | 3.5 | 3.0 | 1.5 | 2.5 | 2.0 | 2.0 | 2.5 | 1.5 | 3.5 | 9.0 |
| 3 | 1.5 | 1.5 | 2.0 | 1.5 | 1.5 | 1.5 | 2.0 | 2.0 | 3.5 | 4.0 | 3.5 | 4.0 | 4.5 | 10.5 | 12.5 | 10.5 | 11.5 | 13.0 | 10.5 | 8.0 | 10.5 | 11.5 | 5.0 | 7.0 | 6.0 | 13.0 |
| 4 | 13.0 | 12.0 | 11.5 | 11.0 | 8.5 | 12.0 | 17.0 | 18.5 | 18.0 | 15.5 | 13.0 | 12.5 | 12.5 | 7.5 | 12.0 | 10.5 | 10.5 | 11.5 | 9.5 | 4.0 | 5.0 | 12.0 | 11.5 | 8.5 | 11.5 | 18.5 |
| 5 | 2.5 | 3.0 | 2.0 | 2.5 | 1.5 | 1.5 | 2.0 | 2.5 | 3.5 | 3.5 | 5.0 | 6.0 | 9.5 | 10.0 | 10.5 | 8.5 | 7.5 | 9.5 | 9.0 | 2.5 | 1.5 | 6.5 | 6.5 | 9.0 | 5.5 | 10.5 |
| 6 | 11.0 | 9.0 | 4.0 | 6.0 | 6.0 | 3.5 | 2.0 | 3.0 | 3.5 | 4.5 | 9.5 | 6.5 | 11.5 | 4.0 | 5.5 | 7.0 | 5.5 | 3.5 | 2.0 | 6.5 | 6.0 | 3.0 | 3.0 | 3.5 | 5.5 | 11.5 |
| 7 | 1.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.5 | 2.0 | 3.0 | 6.0 | 7.5 | 7.0 | 6.5 | 7.0 | 5.0 | 7.0 | 5.0 | 4.5 | 9.5 | 6.0 | 6.5 | 4.0 | 1.5 | 2.5 | 4.0 | 9.5 |
| 8 | 8.5 | 17.0 | 9.5 | 8.5 | 2.0 | 1.5 | 5.5 | 4.0 | 4.0 | 5.5 | 6.0 | 7.5 | 5.0 | 4.0 | 6.5 | 14.5 | 12.5 | 8.0 | 4.0 | 4.0 | 2.5 | 2.5 | 7.0 | 3.5 | 6.5 | 17.0 |
| 9 | 8.5 | 9.5 | 8.0 | 4.5 | 3.0 | 2.0 | 2.0 | 2.5 | 3.0 | 4.5 | 4.5 | 4.5 | 4.0 | 4.5 | 6.0 | 7.5 | 8.5 | 9.0 | 11.5 | 14.5 | 18.0 | 17.0 | 10.0 | 3.0 | 7.0 | 18.0 |
| 10 | 1.5 | 2.0 | 2.0 | 3.0 | 1.0 | 2.0 | 1.5 | 2.0 | 5.0 | 3.5 | 4.0 | 3.5 | 4.0 | 10.5 | 9.0 | 6.0 | 5.0 | 4.0 | 3.5 | 3.5 | 5.0 | 7.0 | 11.5 | 5.5 | 4.5 | 11.5 |
| 11 | 2.5 | 3.5 | 7.5 | 3.0 | 3.0 | 2.0 | 2.5 | 1.5 | 2.5 | 4.5 | 8.0 | 11.5 | 12.5 | 9.5 | 15.0 | 15.0 | 18.5 | 17.0 | 17.5 | 18.0 | 20.5 | 17.5 | 12.0 | 6.5 | 9.5 | 20.5 |
| 12 | 9.0 | 4.0 | 1.5 | 3.0 | 1.5 | 3.5 | 2.5 | 2.5 | 5.0 | 5.5 | 16.0 | 18.5 | 16.5 | 13.5 | 10.5 | 8.0 | 11.0 | 10.0 | 10.0 | 3.5 | 4.0 | 3.5 | 2.5 | 3.5 | 7.0 | 18.5 |
| 13 | 2.0 | 2.0 | 2.0 | 2.5 | 1.5 | 1.5 | 1.5 | 2.5 | 3.5 | 4.5 | 3.5 | 4.0 | 4.5 | 4.5 | 5.5 | 5.0 | 5.0 | 5.0 | 4.5 | 6.0 | 4.0 | 4.0 | 2.5 | 3.5 | 3.5 | 6.0 |
| 14 | 3.0 | 2.0 | 1.5 | 1.5 | 1.5 | 1.5 | 1.0 | 2.5 | 3.0 | 4.0 | 4.5 | 4.5 | 6.0 | 4.5 | 6.0 | 10.5 | 10.0 | 9.0 | 7.0 | 9.0 | 11.5 | 12.5 | 12.0 | 10.0 | 6.0 | 12.5 |
| 15 | 11.0 | 11.0 | 6.5 | 7.5 | 7.0 | 7.5 | 11.5 | 8.5 | 10.5 | 10.0 | 10.5 | 10.5 | 10.5 | 13.5 | 13.5 | 15.0 | 16.5 | 16.5 | 15.5 | 15.5 | 16.0 | 12.5 | 8.0 | 9.0 | 11.5 | 16.5 |
| 16 | 7.0 | 7.0 | 6.0 | 3.5 | 4.0 | 5.5 | 6.5 | 6.0 | 5.5 | 6.5 | 7.5 | 6.5 | 5.5 | 4.5 | 5.5 | 6.0 | 3.5 | 3.5 | 3.0 | 2.5 | 1.5 | 1.5 | 2.0 | 1.5 | 4.5 | 7.5 |
| 17 | 2.0 | 1.5 | 1.0 | 1.5 | 1.5 | 1.5 | 1.5 | 2.5 | 3.0 | 4.0 | 4.0 | 4.0 | 5.5 | 7.5 | 6.0 | 6.5 | 5.0 | 3.5 | 2.5 | 2.5 | 9.5 | 13.5 | 12.0 | 5.5 | 4.5 | 13.5 |
| 18 | 5.0 | 2.0 | 1.5 | 3.0 | 1.5 | 2.0 | 2.0 | 1.5 | 3.0 | 4.5 | 6.5 | 6.5 | 9.0 | 15.5 | 11.5 | 9.5 | 9.5 | 10.5 | 7.5 | 6.0 | 7.5 | 4.0 | 4.5 | 7.5 | 6.0 | 15.5 |
| 19 | 7.0 | 4.0 | 7.0 | 14.0 | 8.5 | 4.5 | 3.5 | 7.0 | 5.5 | 6.0 | 10.0 | 6.0 | 8.0 | 16.0 | 8.0 | 11.5 | 17.0 | 12.0 | 10.5 | 10.0 | 14.0 | 10.0 | 5.5 | 4.0 | 8.5 | 17.0 |
| 20 | 4.0 | 3.5 | 2.5 | 4.0 | 5.5 | 13.5 | 5.0 | 4.0 | 5.0 | 7.5 | 9.0 | 10.0 | 8.5 | 11.5 | 11.5 | 10.0 | 9.5 | 9.0 | 6.0 | 6.5 | 5.0 | 5.0 | 8.5 | 4.5 | 7.0 | 13.5 |
| 21 | 8.5 | 8.0 | 3.0 | 5.5 | 3.0 | 2.5 | 1.5 | 3.0 | 2.5 | 4.5 | 11.5 | 15.0 | 17.0 | 10.5 | 5.0 | 4.0 | 2.5 | 4.0 | 1.5 | 1.5 | 4.5 | 4.5 | 3.0 | 5.5 | 5.5 | 17.0 |
| 22 | 3.0 | 1.5 | 7.0 | 5.0 | 5.0 | 1.5 | .0 | 1.5 | 2.0 | 3.5 | 6.0 | 6.5 | 9.5 | 9.0 | 12.0 | 8.0 | 15.0 | 17.5 | 13.5 | 5.5 | 1.5 | 2.0 | 4.0 | 6.5 | 6.0 | 17.5 |
| 23 | 7.0 | 4.0 | 2.0 | 4.0 | 3.0 | 3.5 | 5.0 | 3.0 | 3.5 | 4.5 | 3.0 | 4.5 | 4.5 | 4.5 | 6.0 | 5.0 | 6.0 | 4.5 | 5.0 | 6.5 | 6.0 | 2.0 | 8.5 | 6.0 | 4.5 | 8.5 |
| 24 | 4.5 | 6.0 | 3.0 | 5.5 | 4.0 | 2.0 | 3.0 | 3.5 | 5.0 | 4.5 | 4.5 | 5.5 | 4.0 | 7.5 | 12.0 | 12.0 | 12.0 | 7.5 | 3.5 | 4.5 | 4.0 | 5.0 | 5.0 | 3.5 | 5.5 | 12.0 |
| 25 | 3.0 | 2.0 | 2.5 | 1.5 | 2.5 | 2.5 | 2.0 | 2.0 | 2.5 | 4.0 | 3.0 | 6.0 | 13.5 | 11.5 | 13.5 | 11.5 | 5.5 | 3.5 | 5.5 | 7.0 | 6.5 | 2.0 | 3.0 | 2.0 | 5.0 | 13.5 |
| 26 | 1.0 | 1.5 | 2.5 | 2.0 | .5 | 1.0 | 1.0 | 1.5 | 3.5 | 4.0 | 5.5 | 5.0 | 5.0 | 6.0 | 6.5 | 6.5 | 4.5 | 2.0 | 2.5 | .5 | 2.5 | 1.5 | .5 | 1.0 | 3.0 | 6.5 |
| 27 | 1.5 | 2.5 | 3.0 | 1.0 | 1.0 | 1.5 | 1.0 | 2.0 | 4.0 | 4.5 | 4.0 | 5.5 | 8.5 | 8.5 | 8.5 | 5.0 | 3.5 | 5.0 | 5.0 | 5.0 | 4.5 | 4.0 | 2.0 | 3.0 | 4.0 | 8.5 |
| 28 | 2.5 | 2.5 | 1.0 | 2.0 | 1.0 | 1.5 | 1.5 | 1.5 | 2.5 | 4.5 | 7.5 | 7.5 | 7.0 | 9.5 | 11.5 | 13.0 | 11.5 | 11.5 | 15.5 | 14.0 | 11.0 | 9.0 | 9.5 | 9.0 | 7.0 | 15.5 |
| 29 | 5.5 | 2.0 | 1.5 | 2.5 | 3.5 | 4.0 | 2.5 | 2.0 | 3.5 | 4.0 | 4.5 | 5.5 | 6.0 | 6.0 | 9.0 | 12.5 | 13.5 | 12.0 | 11.0 | 7.0 | 11.5 | 10.0 | 4.5 | 3.5 | 6.0 | 13.5 |
| 30 | 2.5 | 3.0 | 5.0 | 4.0 | 2.0 | 1.0 | 2.0 | 7.5 | 5.5 | 3.5 | 4.5 | 5.0 | 6.0 | 4.5 | 4.0 | 5.5 | 11.5 | 11.0 | 12.5 | 14.0 | 10.0 | 3.5 | 2.0 | 2.5 | 5.5 | 14.0 |
| 31 | 2.0 | 2.5 | 2.5 | 1.5 | 2.0 | 2.0 | 2.0 | 2.5 | 3.0 | 3.5 | 3.5 | 5.0 | 6.0 | 7.5 | 7.0 | 9.0 | 10.0 | 8.5 | 3.0 | 3.5 | 7.0 | 5.0 | 3.0 | 1.5 | 4.5 | 10.0 |
| AV | 5.0 | 4.5 | 3.5 | 4.0 | 3.0 | 3.0 | 3.0 | 3.5 | 4.5 | 5.0 | 6.5 | 7.0 | 8.0 | 8.5 | 8.5 | 9.0 | 9.0 | 8.0 | 7.5 | 6.5 | 7.5 | 7.0 | 6.0 | 5.0 | 6.0 | [ ] |
| SD | 3.4 | 3.7 | 2.8 | 3.0 | 2.2 | 2.9 | 3.3 | 3.3 | 2.9 | 2.4 | 3.2 | 3.4 | 3.5 | 3.4 | 3.1 | 3.2 | 4.3 | 4.3 | 4.5 | 4.3 | 4.9 | 4.7 | 3.6 | 2.6 | 2.1 | [ ] |

OUTPT [VERSION N 28 JUL 76]

WIND SPEED @ 30M
(MILES/HOUR)

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SITE A 2

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CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.5 | 3.0 | 2.0 | 2.5 | 4.0 | 2.0 | 2.0 | 2.5 | 3.5 | 5.5 | 6.0 | 7.0 | 6.0 | 10.5 | 10.5 | 12.5 | 12.0 | 8.5 | 6.5 | 4.0 | 9.0 | 13.0 | 15.0 | 10.5 | 6.5 | 15.0 |
| 2 | 5.0 | 5.0 | 2.5 | 1.5 | 1.5 | 2.5 | 2.0 | 2.5 | 3.5 | 5.0 | 4.5 | 8.5 | 10.5 | 7.5 | 16.5 | 15.5 | 14.0 | 11.5 | 10.5 | 8.0 | 10.5 | 10.0 | 9.5 | 6.0 | 7.5 | 16.5 |
| 3 | 6.5 | 2.5 | 3.0 | 2.0 | 2.5 | 2.0 | 2.0 | 2.0 | 3.5 | 15.5 | 19.0 | 19.0 | 18.0 | 16.5 | 15.0 | 18.0 | 17.5 | 14.0 | 11.0 | 6.0 | 8.5 | 10.5 | 13.5 | 12.5 | 10.0 | 19.0 |
| 4 | 10.5 | 10.5 | 3.5 | 2.0 | 1.5 | 2.0 | 2.0 | 3.0 | 3.0 | 5.0 | 12.5 | 16.0 | 16.0 | 17.0 | 11.5 | 14.0 | 13.0 | 11.5 | 8.5 | 8.0 | 9.0 | 11.0 | 14.0 | 4.5 | 8.5 | 17.0 |
| 5 | 7.5 | 6.0 | 1.5 | 2.0 | 1.5 | 1.5 | 1.5 | 2.5 | 3.0 | 5.0 | 5.5 | 7.5 | 10.5 | 12.5 | 12.0 | 14.0 | 14.0 | 17.0 | 12.0 | 9.0 | 8.5 | 10.5 | 4.0 | 2.5 | 7.0 | 14.0 |
| 6 | 2.0 | 2.5 | 3.5 | 2.0 | 2.5 | 2.0 | 2.0 | 2.5 | 4.0 | 13.5 | 16.5 | 17.0 | 16.0 | 17.5 | 13.0 | 12.5 | 9.5 | 13.0 | 17.5 | 16.5 | 15.0 | 16.0 | 16.0 | 14.0 | 10.5 | 17.5 |
| 7 | 7.0 | 4.5 | 3.0 | 3.0 | 4.0 | 2.0 | 2.0 | 3.0 | 7.5 | 12.5 | 10.5 | 12.0 | 8.5 | 8.5 | 12.5 | 12.5 | 14.0 | 12.5 | 11.5 | 10.5 | 11.0 | 10.0 | 10.5 | 6.5 | 8.5 | 14.0 |
| 8 | 4.0 | 3.5 | 3.0 | 2.0 | 2.0 | 1.5 | 1.5 | 3.0 | 10.0 | 13.0 | 14.0 | 15.0 | 17.0 | 18.0 | 12.0 | 8.5 | 14.0 | 11.5 | 9.5 | 9.5 | 6.5 | 10.0 | 4.5 | 5.5 | 8.5 | 18.0 |
| 9 | 3.5 | 3.0 | 2.0 | 2.0 | 2.0 | 1.5 | 1.5 | 3.5 | 3.0 | 5.0 | 8.0 | 17.0 | 17.0 | 15.5 | 16.0 | 15.0 | 15.0 | 17.0 | 17.0 | 11.5 | 8.5 | 10.0 | 11.5 | 3.0 | 8.5 | 17.0 |
| 10 | 1.0 | 1.5 | 2.5 | 1.5 | 5.0 | 10.5 | 9.5 | 11.5 | 16.5 | 17.0 | 17.5 | 18.0 | 17.5 | 21.0 | 20.5 | 26.0 | 34.0 | 20.5 | 21.5 | 14.0 | 10.5 | 7.5 | 8.5 | 2.0 | 13.0 | 34.0 |
| 11 | 3.5 | 6.0 | 4.0 | 6.5 | 8.5 | 6.0 | 7.0 | 7.0 | 13.0 | 17.0 | 15.5 | 16.0 | 13.0 | 10.5 | 12.5 | 15.5 | 12.0 | 14.0 | 12.5 | 13.0 | 6.0 | 8.5 | 10.0 | 9.0 | 10.5 | 17.0 |
| 12 | 4.0 | 3.5 | 3.0 | 3.0 | 3.0 | 2.5 | 7.5 | 5.5 | 6.0 | 9.0 | 10.0 | 10.5 | 10.0 | 11.5 | 10.5 | 10.5 | 9.0 | 7.5 | 9.5 | 7.5 | 8.5 | 5.0 | 5.5 | 5.0 | 7.0 | 11.5 |
| 13 | 8.0 | 11.0 | 10.0 | 5.0 | 6.5 | 7.0 | 6.0 | 6.0 | 5.5 | 4.0 | 9.0 | 11.0 | 10.0 | 8.5 | 6.0 | 11.5 | 13.0 | 14.0 | 9.5 | 7.0 | 14.5 | 5.5 | 5.5 | 5.0 | 8.5 | 14.5 |
| 14 | 4.0 | 6.0 | 4.5 | 5.0 | 9.0 | 10.5 | 9.5 | 7.5 | 9.0 | 7.5 | 7.0 | 7.5 | 7.0 | 7.5 | 5.5 | 5.0 | 6.5 | 6.0 | 8.0 | 13.5 | 9.0 | 4.0 | 2.0 | 2.5 | 7.0 | 13.5 |
| 15 | 2.0 | 1.5 | 2.5 | 2.0 | 1.5 | 1.0 | 2.0 | 3.0 | 4.0 | 3.5 | 5.5 | 5.0 | 5.5 | 6.5 | 6.5 | 6.5 | 4.5 | 4.5 | 3.5 | 9.0 | 13.5 | 12.5 | 15.0 | 13.5 | 5.5 | 15.0 |
| 16 | 12.0 | 12.0 | 6.5 | 3.0 | 3.0 | 3.0 | 10.5 | 8.0 | 7.5 | 5.0 | 3.5 | 4.0 | 9.0 | 13.5 | 9.5 | 11.5 | 14.0 | 9.5 | 8.0 | 13.0 | 15.0 | 11.5 | 17.5 | 15.5 | 9.5 | 17.5 |
| 17 | 7.0 | 3.5 | 1.0 | 1.5 | 1.5 | 1.5 | 2.0 | 3.0 | 2.5 | 2.0 | 4.5 | 5.5 | 8.5 | 9.5 | 4.5 | 6.0 | 9.0 | 5.5 | 8.0 | 6.0 | 5.0 | 3.0 | 5.5 | 2.0 | 4.5 | 9.5 |
| 18 | 4.5 | 2.0 | 1.0 | 1.0 | 1.5 | 1.5 | 1.5 | 1.5 | 3.0 | 4.5 | 7.5 | 9.5 | 10.0 | 12.0 | 6.5 | 6.5 | 7.0 | 7.0 | 9.0 | 10.5 | 10.0 | 6.5 | 5.0 | 2.5 | 5.5 | 12.0 |
| 19 | 1.5 | 2.0 | 3.0 | 2.0 | 1.5 | 1.5 | 2.0 | 3.5 | 4.5 | 4.5 | 4.5 | 4.5 | 5.5 | 5.0 | 6.0 | 5.5 | 5.5 | 6.0 | 2.5 | 2.5 | 2.0 | 2.5 | 1.5 | 2.0 | 3.5 | 6.0 |
| 20 | 1.0 | 1.0 | 1.5 | 1.0 | 1.0 | 1.5 | 1.0 | 1.5 | 2.5 | 5.0 | 6.0 | 9.0 | 14.0 | 18.5 | 16.0 | 13.0 | 13.0 | 16.5 | 18.0 | 17.0 | 13.5 | 16.5 | 11.0 | 8.5 | 8.5 | 18.5 |
| 21 | 9.5 | 12.0 | 7.5 | 6.5 | 5.5 | 3.5 | 4.0 | 4.0 | 4.5 | 5.5 | 12.0 | -2.0 | 13.0 | 12.5 | 12.0 | 15.5 | 12.0 | 11.5 | 12.5 | 17.0 | 13.0 | 13.5 | 13.5 | 12.0 | 9.5 | 17.0 |
| 22 | 8.0 | 13.5 | 13.5 | 18.0 | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | 13.5 | 18.0 |
| 23 | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [ ] | [ ] |
| 24 | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [ ] | [ ] |
| 25 | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [ ] | [ ] |
| 26 | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [ ] | [ ] |
| 27 | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | 3.0 | 2.5 | 6.5 | 10.5 | 8.5 | 8.0 | 9.5 | 8.5 | 7.5 | 9.0 | 6.0 | 9.0 | 4.5 | 1.5 | 7.0 | 10.5 |
| 28 | 1.5 | 2.5 | 3.5 | 2.0 | 2.0 | 2.5 | 2.0 | 2.5 | 3.0 | 3.5 | 4.0 | 4.0 | 5.5 | 4.5 | 6.5 | 7.0 | 6.0 | 6.0 | 5.0 | 5.5 | 5.0 | 1.5 | 3.5 | 3.0 | 4.0 | 7.0 |
| 29 | 3.5 | 2.0 | 2.0 | 2.0 | 2.5 | 2.5 | 2.0 | 2.5 | 3.5 | 4.5 | 4.0 | 5.5 | 5.0 | 7.0 | 17.0 | 10.0 | 5.0 | 6.5 | 14.0 | 15.5 | 18.0 | 19.0 | 16.5 | 16.5 | 8.0 | 19.0 |
| 30 | 2.5 | 10.5 | 12.0 | 7.5 | 4.0 | 2.5 | 8.5 | 8.5 | 9.5 | 11.0 | 10.5 | 15.5 | 17.0 | 18.5 | 17.0 | 17.0 | 13.0 | 7.0 | 8.0 | 7.5 | 7.0 | 8.0 | 7.0 | 10.5 | 10.0 | 18.5 |
| 31 | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] |
| AV | 5.0 | 5.0 | 4.0 | 3.5 | 3.0 | 3.0 | 4.0 | 4.0 | 5.5 | 7.5 | 9.0 | 10.0 | 11.0 | 12.0 | 11.5 | 12.0 | 12.0 | 10.5 | 10.5 | 10.0 | 9.5 | 9.5 | 9.0 | 7.0 | 8.0 | [ ] |
| SD | 3.0 | 3.8 | 3.2 | 3.4 | 2.2 | 2.6 | 3.1 | 2.5 | 3.6 | 4.5 | 4.7 | 5.5 | 4.4 | 4.6 | 4.3 | 4.6 | 5.7 | 4.2 | 4.4 | 4.0 | 3.7 | 4.3 | 4.8 | 4.7 | 2.4 | [ ] |

OUTPT [VERSION N 28 JUL 76]

WIND SPEED @ 30M
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WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

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| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 13.0 | 12.5 | 9.5 | 5.5 | 2.5 | 1.5 | 5.5 | 9.0 | 12.0 | 7.0 | 7.0 | 7.5 | 8.5 | 7.5 | 8.0 | 9.5 | 10.0 | 10.0 | 7.0 | 6.5 | 10.0 | 11.5 | 5.0 | 4.5 | 8.0 | 13.0 |
| 2 | 2.0 | 6.0 | 9.0 | 5.5 | 3.5 | 6.5 | 7.5 | 6.0 | 3.0 | 5.5 | 7.0 | 8.5 | 8.5 | 6.0 | 12.0 | 14.0 | 12.5 | 10.5 | 6.5 | 5.0 | 9.5 | 11.0 | 7.5 | 4.5 | 7.5 | 14.0 |
| 3 | 2.5 | 4.5 | 4.5 | 4.5 | 5.0 | 3.0 | 1.0 | 3.0 | 5.5 | 3.5 | 5.5 | 4.5 | 6.0 | 7.0 | 9.0 | 7.5 | 6.0 | 3.0 | 5.0 | 3.5 | 6.0 | 6.0 | 3.5 | 1.5 | 4.5 | 9.0 |
| 4 | 2.0 | 1.0 | 1.0 | 2.0 | 2.5 | 2.0 | 1.0 | 2.0 | 3.5 | 2.0 | 4.5 | 5.5 | 6.5 | 11.0 | 7.5 | 11.5 | 10.0 | 8.5 | 7.0 | 3.5 | 6.0 | 4.0 | 5.0 | 3.0 | 4.5 | 11.5 |
| 5 | 3.0 | 3.0 | 2.0 | 1.5 | 3.0 | 2.0 | 1.5 | 2.5 | 3.0 | 3.5 | 4.5 | 5.0 | 4.5 | 7.0 | 9.0 | 7.0 | 6.5 | 7.5 | 6.5 | 3.0 | 3.5 | 5.0 | 3.5 | 3.0 | 4.0 | 9.0 |
| 6 | 5.5 | 2.0 | 3.5 | 4.0 | 1.5 | 1.0 | 1.5 | 1.5 | 2.0 | 4.0 | 5.5 | 3.5 | 5.5 | 4.5 | 4.0 | 7.0 | 4.5 | 9.5 | 7.0 | 8.5 | 5.5 | 9.5 | 4.5 | 6.0 | 4.5 | 9.5 |
| 7 | 6.0 | 7.5 | 7.0 | 5.0 | 1.5 | 2.0 | 1.5 | 2.0 | 3.5 | 4.5 | 8.0 | 9.5 | 13.0 | 14.0 | 15.5 | 12.0 | 10.5 | 14.5 | 19.5 | 12.5 | 12.0 | 9.5 | 17.5 | 20.0 | 9.5 | 20.0 |
| 8 | 10.5 | 5.0 | 3.5 | 2.5 | 2.5 | 2.0 | 2.5 | 2.5 | 3.0 | 6.0 | 6.5 | 6.0 | 9.0 | 12.5 | 7.0 | 9.5 | 6.0 | 6.0 | 3.0 | 6.5 | 12.5 | 10.0 | 8.5 | 10.0 | 6.5 | 12.5 |
| 9 | 8.5 | 11.0 | 6.5 | 10.0 | 9.5 | 10.5 | 5.5 | 3.5 | 8.5 | 5.0 | 7.5 | 7.0 | 8.0 | 8.0 | 13.0 | 7.5 | 4.0 | 5.0 | 3.0 | 6.0 | 9.0 | 14.0 | 9.0 | 16.5 | 8.0 | 16.5 |
| 10 | 11.5 | 11.5 | 4.5 | 7.0 | 7.0 | 2.0 | 3.0 | 3.5 | 4.0 | 4.5 | 7.0 | 7.0 | 6.5 | 6.5 | 10.0 | 14.0 | 13.0 | 9.5 | 5.5 | 4.5 | 10.0 | 10.0 | 7.5 | 6.5 | 7.5 | 14.0 |
| 11 | 6.0 | 4.0 | 3.5 | 1.5 | 2.0 | 1.5 | 1.5 | 1.5 | 3.5 | 4.0 | 4.5 | 5.5 | 6.0 | 5.0 | 6.5 | 14.0 | 8.0 | 8.5 | 14.0 | 6.0 | 6.5 | 8.0 | 5.0 | 9.5 | 5.5 | 14.0 |
| 12 | 9.0 | 10.5 | 14.0 | 17.5 | 14.5 | 5.5 | 10.0 | 10.0 | 8.0 | 7.0 | 7.5 | 4.5 | 11.0 | 9.0 | 10.5 | 9.5 | 14.5 | 10.0 | 10.5 | 7.5 | 6.5 | 3.5 | 5.5 | 4.5 | 9.0 | 17.5 |
| 13 | 3.0 | 4.0 | 5.5 | 2.0 | 2.0 | 2.0 | 3.0 | 4.0 | 4.0 | 3.5 | 5.0 | 4.5 | 7.0 | 9.0 | 9.5 | 8.5 | 7.0 | 6.5 | 4.0 | 2.5 | 1.5 | 4.5 | 6.0 | 3.5 | 4.5 | 9.5 |
| 14 | 7.5 | 4.5 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.5 | 4.0 | 4.5 | 4.5 | 7.0 | 6.5 | 8.5 | 3.5 | 9.0 | 8.0 | 8.0 | 8.0 | 4.5 | 4.0 | 6.0 | 9.0 | 6.0 | 5.0 | 9.0 |
| 15 | 8.0 | 2.0 | 1.5 | 2.5 | 2.0 | 1.5 | 1.5 | 2.5 | 3.5 | 3.5 | 6.0 | 6.0 | 8.5 | 5.5 | 8.0 | 8.0 | 5.5 | 5.0 | 5.0 | 2.0 | 1.0 | 2.5 | 3.0 | 3.0 | 4.0 | 8.5 |
| 16 | 2.0 | 2.0 | 2.0 | 2.0 | 1.5 | 2.0 | 1.5 | 2.0 | 2.0 | 3.0 | 3.0 | 5.5 | 5.5 | 8.0 | 6.5 | 8.5 | 8.0 | 6.0 | 7.5 | 5.5 | 2.0 | 12.0 | 12.0 | 12.5 | 5.0 | 12.5 |
| 17 | 6.5 | 4.5 | 4.0 | 4.5 | 3.0 | 3.5 | 2.0 | 3.5 | 7.5 | 8.0 | 6.0 | 7.5 | 6.5 | 6.0 | 10.5 | 10.0 | 11.5 | 10.0 | 18.5 | 11.5 | 7.0 | 10.0 | 4.5 | 3.5 | 7.0 | 18.5 |
| 18 | 6.0 | 7.5 | 8.0 | 3.0 | 1.0 | 2.0 | 2.0 | 1.5 | 3.0 | 3.0 | 5.5 | 6.5 | 4.0 | 9.5 | 11.5 | 10.5 | 10.0 | 8.0 | 4.0 | 7.0 | 11.5 | 8.0 | 2.5 | 3.5 | 6.0 | 11.5 |
| 19 | 4.5 | 4.0 | 4.0 | 1.5 | 1.5 | 2.5 | 2.0 | 2.0 | 3.0 | 3.5 | 5.5 | 6.0 | 5.5 | 6.0 | 13.0 | 16.5 | 8.5 | 7.5 | 17.0 | 19.5 | 17.0 | 11.5 | 14.0 | 14.0 | 8.0 | 19.5 |
| 20 | 8.0 | 5.5 | 4.5 | 6.5 | 3.0 | 4.5 | 2.5 | 3.5 | 3.5 | 3.0 | 3.5 | 3.0 | 4.5 | 4.5 | 6.0 | 17.0 | 12.0 | 6.0 | 5.5 | 7.5 | 6.0 | 7.5 | 2.0 | 1.5 | 5.5 | 17.0 |
| 21 | 3.5 | 1.5 | 1.5 | 2.5 | 2.0 | 3.0 | 1.5 | 3.0 | 2.5 | 3.5 | 4.5 | 5.5 | 7.0 | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | 3.0 | 7.0 |
| 22 | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [ ] | [ ] |
| 23 | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [ ] | [ ] |
| 24 | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [ ] | [ ] |
| 25 | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | 7.5 | 5.0 | 5.0 | 3.0 | 5.0 | 2.0 | 4.5 | 7.5 |
| 26 | 3.5 | 3.0 | 1.5 | 1.5 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 4.0 | 4.5 | 6.0 | 3.0 | 8.0 | 11.0 | 7.0 | 6.5 | 6.0 | 6.5 | 9.0 | [RF] | [RF] | [RF] | 4.5 | 11.0 |
| 27 | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [ ] | [ ] |
| 28 | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [ ] | [ ] |
| 29 | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [ ] | [ ] |
| 30 | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | 5.0 | 6.5 | 6.5 | 5.0 | 6.5 | 7.0 | 10.5 | 9.5 | 12.5 | 7.5 | 9.5 | 6.0 | 9.0 | 6.0 | 7.5 | 12.5 |
| 31 | 3.5 | 6.5 | 10.0 | 7.5 | 3.5 | 3.5 | 3.0 | 3.0 | 5.0 | 6.5 | 7.5 | 7.5 | 8.5 | 7.5 | 8.0 | 8.5 | 7.5 | 13.0 | 8.5 | 16.0 | 18.5 | 8.0 | 5.5 | 6.0 | 7.5 | 18.5 |
| AV | 6.0 | 5.5 | 5.0 | 4.5 | 3.5 | 3.0 | 3.0 | 3.5 | 4.5 | 4.5 | 5.5 | 6.0 | 7.0 | 7.5 | 9.0 | 10.5 | 8.5 | 8.0 | 8.5 | 7.0 | 8.0 | 8.0 | 6.5 | 6.5 | 6.0 | [ ] |
| SD | 3.1 | 3.3 | 3.3 | 3.6 | 3.0 | 2.1 | 2.2 | 2.1 | 2.4 | 1.5 | 1.4 | 1.5 | 2.0 | 2.6 | 2.9 | 2.9 | 2.8 | 2.6 | 4.6 | 4.1 | 4.3 | 3.1 | 3.7 | 4.9 | 1.7 | [ ] |

OUTPT [VERSION N 28 JUL 76]

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

MAY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | PREV | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 205 | 290 | 345 | 190 | 260 | 175 | 5 | 15 | 355 | 330 | 285 | 350 | 270 | 295 | 320 | 310 | 305 | 240 | 205 | 180 | 190 | 190 | 195 | 200 | [VA] | |
| 2 | 210 | 280 | 35 | 170 | 175 | 105 | 65 | 15 | 20 | 355 | 15 | 305 | 275 | 335 | 330 | 75 | 130 | 105 | 175 | 200 | 180 | 200 | 45 | 150 | 9 | |
| 3 | 165 | 220 | 190 | 185 | 105 | 195 | 90 | 5 | 15 | 20 | 20 | 5 | 25 | 175 | 190 | 185 | 175 | 190 | 190 | 180 | 180 | 195 | 195 | 205 | [VA] | |
| 4 | 190 | 175 | 185 | 180 | 190 | 195 | 185 | 185 | 190 | 195 | 215 | 215 | 220 | 15 | 270 | 255 | 265 | 330 | 255 | 210 | 200 | 190 | 200 | 200 | 10 | |
| 5 | 310 | 5 | 210 | 90 | 240 | 180 | 125 | 25 | 20 | 290 | 280 | 280 | 310 | 340 | 325 | 320 | 295 | 330 | 305 | 165 | 155 | 310 | 330 | 225 | 15 | |
| 6 | 265 | 275 | 220 | 185 | 170 | 220 | 260 | 40 | 0 | 300 | 315 | 305 | 210 | 20 | 85 | 115 | 75 | 25 | 50 | 165 | 140 | 205 | 225 | 170 | 11 | |
| 7 | 285 | 185 | 10 | [VA] | 270 | 305 | 315 | 105 | 10 | 15 | 40 | 10 | 45 | 30 | 15 | 10 | 355 | 340 | 280 | 240 | 180 | 160 | 240 | 210 | 2 | |
| 8 | 210 | 205 | 195 | 190 | 130 | 240 | 145 | 100 | 80 | 120 | 125 | 170 | 210 | 305 | 330 | 220 | 200 | 185 | 160 | 125 | 190 | 255 | 185 | 215 | 10 | |
| 9 | 190 | 195 | 190 | 200 | 215 | 120 | 320 | 25 | 20 | 5 | 45 | 335 | 40 | 35 | 350 | 340 | 285 | 280 | 315 | 145 | 150 | 135 | 180 | 220 | 9 | |
| 10 | 200 | 180 | 170 | 210 | 195 | 25 | 15 | 45 | 305 | 5 | 30 | 25 | 20 | 220 | 180 | 190 | 190 | 225 | 255 | 195 | 215 | 215 | 195 | 210 | 10 | |
| 11 | 270 | 160 | 195 | 10 | 175 | 160 | 150 | 150 | 20 | 15 | 295 | 255 | 285 | 245 | 285 | 275 | 290 | 295 | 280 | 285 | 275 | 285 | 310 | 300 | 13 | |
| 12 | 245 | 220 | 180 | 10 | 145 | 265 | 40 | 295 | 0 | 170 | 25 | 15 | 15 | 20 | 20 | 40 | 20 | 20 | 5 | 255 | 180 | 185 | 185 | 195 | 2 | |
| 13 | 75 | 145 | 170 | 55 | 175 | 135 | 0 | 35 | 25 | 15 | 20 | 35 | 355 | 305 | 50 | 25 | 60 | 160 | 210 | 190 | 190 | 180 | 185 | 235 | 3 | |
| 14 | 150 | 115 | 140 | 145 | 85 | 105 | 90 | 20 | 20 | 20 | 25 | 25 | 5 | 285 | 205 | 235 | 220 | 215 | 205 | 175 | 180 | 185 | 185 | 190 | 9 | |
| 15 | 220 | 320 | 340 | 345 | 30 | 65 | 75 | 60 | 30 | 40 | 50 | 30 | 40 | 45 | 60 | 60 | 70 | 70 | 55 | 55 | 60 | 55 | 75 | 60 | 3 | |
| 16 | 75 | 50 | 75 | 75 | 135 | 110 | 100 | 150 | 30 | 45 | 45 | 345 | 330 | 325 | 320 | 310 | 310 | 285 | 0 | 240 | 180 | 190 | 315 | 170 | 15 | |
| 17 | 5 | 215 | 170 | 240 | 165 | 150 | 310 | 5 | 25 | 15 | 35 | 330 | 15 | 350 | 10 | 330 | 340 | 345 | 330 | 165 | 170 | 190 | 195 | 165 | 16 | |
| 18 | 250 | 150 | 230 | 240 | 255 | 270 | 355 | 10 | 20 | 20 | 350 | 330 | 285 | 195 | 225 | 240 | 180 | 210 | 240 | 205 | 270 | 215 | 225 | 175 | 11 | |
| 19 | 190 | 215 | 210 | 195 | 210 | 240 | 245 | 195 | 235 | 345 | 345 | 15 | 255 | 180 | 45 | 190 | 165 | 170 | 155 | 180 | 165 | 150 | 120 | 200 | 9 | |
| 20 | 50 | 210 | 205 | 210 | 190 | 180 | 225 | 240 | 225 | 175 | 220 | 160 | 150 | 150 | 150 | 190 | 195 | 180 | 190 | 180 | 170 | 190 | 195 | 240 | 9 | |
| 21 | 195 | 195 | 260 | 195 | 240 | 195 | 350 | 300 | 295 | 345 | 190 | 195 | 185 | 155 | 210 | 20 | 35 | 65 | 20 | 60 | 250 | 270 | 225 | 215 | 10 | |
| 22 | 220 | 345 | 200 | 195 | 190 | 340 | 0 | 20 | 35 | 30 | 15 | 285 | 275 | 225 | 175 | 190 | 165 | 190 | 190 | 315 | 230 | 205 | 240 | 240 | 9 | |
| 23 | 165 | 270 | 240 | 200 | 240 | 210 | 195 | 210 | 315 | 15 | 10 | 5 | 345 | 275 | 240 | 280 | 15 | 10 | 30 | 95 | 140 | 340 | 285 | 75 | 13 | |
| 24 | 140 | 240 | 350 | 270 | 240 | 195 | 285 | 335 | 25 | 30 | 355 | 15 | 255 | 225 | 190 | 250 | 210 | 125 | 345 | 225 | 240 | 240 | 285 | 345 | 12 | |
| 25 | 190 | 235 | 165 | 275 | 240 | 340 | 30 | 15 | 15 | 315 | 350 | 290 | 315 | 295 | 200 | 15 | 215 | 330 | 145 | 155 | 165 | 250 | 260 | 345 | 16 | |
| 26 | 300 | 240 | 210 | 320 | 190 | 355 | 35 | 20 | 320 | 35 | 15 | 295 | 15 | 350 | 320 | 30 | 330 | 340 | 15 | 170 | 180 | 310 | 315 | 165 | [VA] | |
| 27 | 345 | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | 35 | 30 | 25 | 40 | 15 | 350 | 315 | 300 | 15 | [RF] | [RF] | 240 | 185 | 70 | 60 | 25 | 35 | 3 | |
| 28 | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | 45 | 345 | 345 | 45 | 30 | 185 | 200 | 215 | 185 | 190 | 195 | 190 | 185 | 185 | 190 | 195 | 10 | |
| 29 | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | 300 | 310 | 330 | 295 | 300 | 280 | 250 | 330 | 225 | 14 | |
| 30 | 175 | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | 225 | 20 | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | 170 | 165 | 140 | 145 | 165 | 225 | 205 | 215 | 9 | |
| 31 | 160 | 150 | [RF] | [RF] | [RF] | 15 | 20 | 15 | 15 | 15 | 25 | 45 | 285 | 150 | 120 | 145 | 165 | 140 | 285 | 225 | 180 | [RF] | [RF] | [RF] | [VA] | |
| PV | 9 | 10 | 10 | [VA] | 9 | 10 | 1 | 2 | 2 | 2 | 2 | [VA] | 2 | 15 | 10 | 2 | 9 | 9 | 10 | 9 | 8 | 9 | 10 | 10 | 9 | |

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JUNE,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | PREV | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | [VA] | [VA] | 135 | 145 | [VA] | 180 | 320 | 20 | 25 | 5 | 325 | 25 | 230 | 190 | 170 | 215 | 250 | 230 | 250 | 215 | 180 | 180 | 180 | 165 | 9 | |
| 2 | 35 | [VA] | [VA] | 160 | 180 | [VA] | 0 | 340 | 30 | 20 | 345 | 275 | 270 | [VA] | 160 | 180 | 190 | 185 | 175 | 180 | 180 | 170 | 190 | 160 | [VA] | |
| 3 | 105 | [VA] | [VA] | [VA] | 180 | 340 | 330 | 340 | 35 | 160 | 180 | 180 | 185 | 190 | 180 | 180 | 180 | 185 | 195 | 210 | 165 | 170 | 180 | 180 | 9 | |
| 4 | 185 | 200 | 240 | [VA] | 205 | [VA] | 295 | 15 | 20 | 15 | 140 | 185 | 190 | 180 | 210 | 190 | 185 | 195 | 200 | 180 | 165 | 170 | 180 | 110 | 9 | |
| 5 | 190 | 200 | 195 | [VA] | 190 | [VA] | 5 | 10 | 5 | 15 | 345 | 355 | 200 | 180 | 165 | 190 | 190 | 180 | 195 | 175 | 165 | 180 | 155 | 350 | 9 | |
| 6 | 300 | 0 | [VA] | 325 | [VA] | 225 | 170 | 15 | 15 | 215 | 195 | 195 | 185 | 180 | 170 | 195 | 185 | 170 | 160 | 165 | 175 | 170 | 145 | 160 | 9 | |
| 7 | 170 | 235 | 195 | 180 | 215 | [VA] | [VA] | 0 | 185 | 195 | 180 | 205 | 280 | 250 | 225 | 200 | 195 | 180 | 175 | 170 | 175 | 185 | 170 | 175 | 10 | |
| 8 | 225 | [VA] | 185 | [VA] | 215 | [VA] | 15 | 20 | 185 | 180 | 190 | 190 | 195 | 180 | 190 | 200 | 200 | 205 | 240 | 240 | 295 | 290 | 230 | 215 | 9 | |
| 9 | 250 | [VA] | 0 | [VA] | 165 | 320 | 20 | 15 | 15 | 300 | 310 | 180 | 190 | 195 | 200 | 190 | 195 | 190 | 190 | 185 | 170 | 180 | 185 | 195 | [VA] | |
| 10 | 170 | [VA] | [VA] | [VA] | 185 | 190 | 180 | 190 | 180 | 175 | 190 | 180 | 170 | 175 | 190 | 180 | 195 | 190 | 195 | 195 | 275 | 275 | 310 | 20 | [VA] | |
| 11 | 200 | 190 | 180 | 200 | 195 | 220 | 295 | 310 | 200 | 195 | 195 | 200 | 245 | 300 | 250 | 210 | 250 | 300 | 315 | 290 | 165 | 195 | 180 | 190 | 10 | |
| 12 | 215 | 210 | 215 | 195 | 190 | 215 | 190 | 250 | 270 | 310 | 310 | 285 | 255 | 240 | 230 | 245 | 255 | 225 | 260 | 235 | 180 | 200 | 210 | 180 | 11 | |
| 13 | 175 | 180 | 205 | 235 | 210 | 180 | 240 | 90 | 30 | 20 | 295 | 300 | 335 | 340 | 330 | 350 | 340 | 300 | 340 | 285 | 260 | 270 | 210 | 50 | [VA] | |
| 14 | 350 | 285 | 205 | 195 | 180 | 180 | 180 | 230 | 235 | 270 | 265 | 245 | 250 | 300 | 315 | 285 | 320 | 345 | 40 | 25 | 30 | 50 | 195 | 175 | [VA] | |
| 15 | 200 | 205 | [VA] | 200 | 115 | [VA] | 15 | 30 | 20 | 5 | 25 | [VA] | 300 | 5 | 310 | 310 | 345 | 60 | 20 | 180 | 185 | 190 | 185 | 190 | 9 | |
| 16 | 190 | 190 | 240 | 210 | [VA] | [VA] | 195 | 195 | 215 | 300 | 270 | 230 | 350 | 335 | 340 | 335 | 315 | 300 | 290 | 300 | 325 | 15 | 150 | 145 | 14 | |
| 17 | 135 | 330 | 140 | 225 | 340 | [VA] | 190 | 255 | 300 | 330 | 15 | 0 | 285 | 10 | 40 | 60 | 330 | 135 | 140 | 195 | 235 | [VA] | 100 | 185 | 16 | |
| 18 | 195 | 190 | [VA] | [VA] | 155 | [VA] | 340 | 335 | 335 | 290 | 275 | 285 | 315 | 340 | 335 | 310 | 345 | 65 | 30 | 60 | 55 | 70 | 80 | 160 | 16 | |
| 19 | 195 | 245 | 220 | [VA] | 130 | [VA] | 25 | 10 | 5 | 5 | 15 | [VA] | 290 | 300 | 315 | 300 | 15 | 10 | 355 | [VA] | [VA] | [VA] | 165 | 185 | 1 | |
| 20 | 150 | 170 | 270 | 170 | [VA] | [VA] | [VA] | 15 | 20 | 35 | 15 | 325 | 255 | 185 | 205 | 210 | 195 | 195 | 190 | 190 | 180 | 195 | 190 | 175 | 9 | |
| 21 | 180 | 185 | 165 | 180 | 170 | 285 | 350 | 20 | 25 | 15 | 225 | 240 | 230 | 235 | 235 | 240 | 225 | 215 | 195 | 195 | 190 | 185 | 200 | 190 | [VA] | |
| 22 | 175 | 175 | 200 | 180 | 190 | 165 | 150 | 155 | 165 | 145 | [VA] | 140 | 180 | 150 | 345 | 10 | 345 | 310 | [VA] | 145 | 135 | 145 | 160 | 140 | 8 | |
| 23 | 180 | 200 | 195 | 215 | 170 | 200 | 355 | 265 | 270 | 300 | 275 | 250 | 290 | 285 | 290 | 285 | 290 | 285 | 285 | 295 | 295 | 330 | 240 | 165 | 13 | |
| 24 | 195 | [VA] | [VA] | 210 | 330 | [VA] | 15 | 25 | 5 | 295 | 290 | 285 | 290 | 290 | 295 | 240 | 285 | 285 | 290 | 290 | 290 | 275 | 240 | 180 | 14 | |
| 25 | 190 | [VA] | 195 | 65 | 200 | 35 | 350 | 15 | 30 | 340 | 295 | 220 | 240 | 240 | 285 | 215 | 240 | 250 | 275 | 270 | 240 | 170 | 180 | 195 | 12 | |
| 26 | 180 | 250 | 145 | 275 | 275 | 250 | 310 | 30 | 350 | 285 | 330 | 305 | 355 | 335 | 280 | [VA] | 15 | 25 | 345 | 330 | [VA] | 290 | 230 | 20 | 16 | |
| 27 | 330 | 285 | 305 | 0 | 25 | [VA] | 30 | 25 | 40 | 35 | 30 | 20 | 320 | 315 | 310 | 275 | 270 | 300 | 340 | 340 | 300 | 290 | 280 | 300 | 14 | |
| 28 | 305 | 285 | [VA] | 340 | 290 | 275 | 0 | 10 | 325 | 35 | 45 | 10 | 30 | [VA] | 330 | 295 | 340 | 355 | 30 | 60 | 0 | 130 | 330 | [VA] | [VA] | |
| 29 | 225 | [VA] | [VA] | [VA] | 305 | [VA] | [VA] | 55 | 35 | 30 | 35 | 20 | 330 | [VA] | 195 | 200 | [VA] | [VA] | 140 | 150 | 150 | 170 | 175 | 170 | 9 | |
| 30 | 175 | 165 | 175 | 245 | 190 | [VA] | 180 | 190 | 190 | 210 | 205 | 195 | 190 | 190 | 175 | 190 | 225 | 320 | 300 | 175 | 190 | 190 | 195 | 185 | [VA] | |
| 31 | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | |
| PV | 10 | [VA] | 10 | 10 | 10 | 9 | 2 | 1 | 2 | 2 | [VA] | 9 | [VA] | 9 | 9 | 10 | 10 | 9 | 10 | 9 | 8 | 9 | 9 | [VA] | 10 | |

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JULY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | PREV | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 185 | 185 | 195 | 140 | 180 | 215 | 200 | 190 | 180 | 260 | 165 | 190 | 80 | 20 | 270 | 240 | 195 | 190 | 185 | 180 | 175 | 190 | 225 | 335 | 10 | |
| 2 | 170 | 110 | 65 | 70 | 195 | 195 | 190 | 75 | 330 | 0 | 305 | 340 | 340 | 320 | 200 | 250 | 270 | 255 | 255 | 245 | 290 | 285 | 285 | 45 | 16 | |
| 3 | 190 | [VA] | 135 | 195 | 225 | 260 | 10 | 10 | 20 | 10 | [VA] | 35 | 15 | 345 | 345 | 315 | 15 | 135 | 15 | 200 | 185 | 180 | 180 | 190 | 2 | |
| 4 | 290 | 195 | [VA] | 25 | 285 | [VA] | 35 | 30 | 20 | 345 | 10 | 350 | 5 | 300 | 300 | 270 | 225 | 255 | 270 | 200 | 215 | 240 | 150 | [VA] | 2 | |
| 5 | 45 | 240 | [VA] | 90 | [VA] | 80 | 90 | 35 | 0 | 350 | 295 | 325 | 285 | 300 | 340 | 280 | 0 | 240 | 20 | 300 | 140 | 110 | 245 | 200 | 14 | |
| 6 | [VA] | 320 | 235 | 270 | 315 | 330 | 340 | 45 | 15 | 10 | 5 | 310 | 345 | 30 | 345 | 180 | 270 | 315 | 330 | 270 | 260 | 195 | 245 | 210 | 16 | |
| 7 | 225 | 195 | [VA] | 300 | 255 | 240 | [VA] | 10 | 20 | 15 | 300 | 310 | 140 | 140 | 150 | 120 | 130 | 170 | 170 | 170 | 170 | 190 | 165 | 165 | 8 | |
| 8 | 180 | 185 | 165 | 180 | [VA] | 210 | 40 | 345 | 30 | 25 | 5 | 295 | 280 | 345 | 195 | 210 | 300 | 290 | 315 | 105 | 165 | 175 | 180 | 195 | 9 | |
| 9 | 220 | 185 | 205 | 185 | 180 | 180 | 60 | 315 | 195 | 305 | 320 | 320 | 315 | 350 | 170 | 175 | 330 | 190 | 330 | 180 | 180 | 195 | 215 | 155 | 9 | |
| 10 | 180 | 180 | 225 | 210 | [VA] | 230 | [VA] | 355 | 15 | 30 | 280 | 345 | 15 | 15 | 255 | 190 | 140 | 225 | 300 | 30 | 135 | 140 | 170 | 195 | [VA] | |
| 11 | 215 | 215 | 240 | 195 | [VA] | 225 | 75 | 5 | 35 | 15 | 15 | 315 | 20 | 60 | 315 | 225 | 235 | 225 | 285 | 240 | 185 | 130 | 235 | 195 | 11 | |
| 12 | 170 | 200 | 190 | 190 | 195 | 225 | 165 | 165 | 180 | 260 | 220 | 290 | 285 | 345 | 140 | 200 | 180 | 155 | 210 | 285 | 310 | 150 | 160 | 125 | 9 | |
| 13 | 175 | 195 | 190 | 225 | 165 | 240 | 230 | 330 | 20 | 15 | 350 | [VA] | 290 | 345 | 355 | 285 | 270 | 245 | 345 | 270 | 165 | 195 | 300 | 195 | [VA] | |
| 14 | 195 | 285 | 160 | 260 | 15 | 270 | 30 | 35 | 10 | 345 | 15 | 5 | 330 | 290 | 290 | 255 | 265 | 290 | 305 | 305 | 225 | 210 | 205 | 230 | 14 | |
| 15 | 215 | 175 | 170 | 190 | 125 | [VA] | [VA] | 20 | 10 | 10 | 10 | 30 | 20 | [VA] | 330 | 320 | [VA] | 355 | 345 | [VA] | 175 | 165 | 160 | [VA] | 1 | |
| 16 | 220 | 30 | 165 | 180 | 145 | [VA] | 90 | 25 | 10 | 35 | 25 | 330 | 35 | 325 | [VA] | 330 | 335 | 20 | 35 | 175 | 180 | 175 | 180 | 190 | 2 | |
| 17 | 210 | 170 | 70 | 195 | [VA] | 150 | [VA] | 145 | 200 | 300 | 300 | 290 | 340 | 45 | 195 | 295 | 340 | 330 | 295 | 160 | 265 | 210 | 125 | 135 | 10 | |
| 18 | 245 | 105 | 215 | 225 | 180 | 185 | 330 | 55 | 30 | 15 | 290 | 315 | 285 | 310 | 320 | 295 | 280 | 280 | 240 | 170 | 145 | 150 | 65 | 240 | 14 | |
| 19 | 215 | 225 | 230 | 270 | 145 | 185 | 5 | 55 | 345 | 320 | 15 | 315 | 250 | 265 | 180 | 160 | 125 | 135 | 190 | 195 | 150 | 270 | 240 | 155 | [VA] | |
| 20 | 135 | 170 | 210 | 250 | [VA] | 210 | 110 | 325 | 15 | 30 | 210 | 230 | 215 | 300 | 345 | 280 | 230 | 150 | 210 | 215 | 190 | 180 | 220 | 180 | 10 | |
| 21 | [VA] | 140 | [VA] | 45 | 215 | [VA] | 35 | 35 | 45 | 10 | 255 | 245 | 270 | 300 | 270 | 260 | 340 | 15 | 345 | 315 | 345 | [VA] | 145 | 215 | [VA] | |
| 22 | 225 | 210 | [VA] | 250 | 160 | 160 | 45 | 10 | 20 | 20 | 15 | 345 | 10 | 355 | 115 | 295 | [VA] | 30 | 345 | 345 | 270 | 230 | 240 | 190 | 2 | |
| 23 | 220 | [VA] | 160 | 120 | 100 | 90 | [VA] | 20 | 345 | 30 | 10 | 350 | 310 | 300 | 60 | 10 | 15 | 15 | 10 | 60 | 130 | 155 | 170 | 160 | 1 | |
| 24 | 120 | 180 | 230 | 170 | 330 | [VA] | [VA] | 20 | 15 | [VA] | 215 | 350 | 280 | 325 | [VA] | 300 | 175 | 185 | 170 | 175 | 185 | 215 | 190 | 190 | 9 | |
| 25 | 195 | 190 | 180 | 180 | 160 | 180 | 185 | 200 | 205 | 290 | [VA] | 60 | 135 | 190 | 145 | 190 | 260 | 245 | 120 | 110 | 105 | 205 | 195 | [VA] | [VA] | |
| 26 | 240 | 210 | 165 | [VA] | 270 | [VA] | 205 | 340 | 30 | 40 | 310 | 320 | 345 | 300 | 245 | 195 | 145 | 120 | 110 | 135 | 150 | 185 | 195 | 190 | 10 | |
| 27 | 205 | 190 | 195 | 190 | 190 | [VA] | 300 | 300 | 250 | 240 | 300 | 235 | 245 | 310 | 305 | 345 | 315 | 350 | 300 | 290 | 255 | 200 | 220 | [VA] | 14 | |
| 28 | 180 | 340 | [VA] | 35 | 40 | [VA] | 0 | 45 | 15 | 25 | 15 | 340 | 280 | 315 | 350 | 0 | 5 | 20 | 0 | 320 | 240 | 200 | 190 | [VA] | 2 | |
| 29 | 195 | 10 | 190 | 250 | [VA] | [VA] | [VA] | 20 | 25 | 25 | 345 | 315 | 285 | 130 | 130 | 340 | 335 | 355 | 15 | 65 | [VA] | 120 | 40 | 75 | 2 | |
| 30 | 10 | 25 | 325 | 240 | 200 | [VA] | 265 | 230 | 355 | 15 | 5 | 325 | 320 | 305 | 335 | 310 | 0 | 345 | 285 | 270 | 230 | [VA] | 80 | 100 | [VA] | |
| 31 | 110 | 240 | 280 | 255 | 245 | 120 | 130 | 330 | 325 | 345 | 325 | 335 | 315 | 345 | 330 | 350 | 355 | 265 | 240 | 195 | 200 | 300 | 95 | 120 | 16 | |
| PV | 11 | 10 | 9 | 9 | [VA] | [VA] | 3 | 2 | 1 | 1 | 1 | 16 | 14 | 15 | [VA] | [VA] | 16 | 12 | 16 | 10 | 8 | 9 | 9 | 9 | 10 | |

WIND DIRECTION @ 20M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

MAY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | PREV | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 350 | 10 | 355 | 210 | 320 | 300 | 35 | 30 | 0 | 350 | 345 | 15 | 290 | 300 | 345 | 330 | 315 | 250 | 220 | 190 | 200 | 200 | 205 | 210 | 1 | |
| 2 | 220 | 240 | 15 | 40 | 290 | 340 | 110 | 20 | 35 | 15 | 10 | 305 | 285 | 340 | 0 | 85 | 135 | 125 | [VA] | 270 | 215 | 250 | 40 | 340 | [VA] | |
| 3 | 115 | 315 | [VA] | 185 | 40 | 315 | 65 | 25 | 20 | 30 | 20 | 15 | [VA] | 185 | 200 | 195 | 190 | 205 | 205 | 195 | 190 | 205 | 220 | 215 | 10 | |
| 4 | 205 | 190 | 195 | 195 | 200 | 205 | 200 | 200 | 205 | 210 | 230 | 230 | 230 | 25 | 270 | 265 | 275 | 345 | 265 | 230 | 215 | 200 | 210 | 210 | 10 | |
| 5 | 265 | 35 | 260 | 295 | 310 | [VA] | 210 | 25 | 30 | 280 | 270 | 290 | 320 | 340 | 335 | 325 | 310 | 335 | 310 | 35 | 85 | 315 | 340 | 240 | 15 | |
| 6 | 280 | 280 | 235 | 195 | 180 | 235 | 295 | 55 | 10 | 305 | 330 | 315 | 220 | 25 | 95 | 125 | 95 | 30 | 60 | 165 | 150 | [VA] | 240 | 195 | 11 | |
| 7 | 310 | 180 | 45 | 40 | 5 | [VA] | 90 | 120 | 25 | 30 | 60 | 20 | 50 | 35 | 40 | 20 | 10 | 350 | 290 | 250 | 195 | 180 | 325 | 230 | 2 | |
| 8 | 215 | 215 | 210 | 200 | 140 | 255 | 155 | 110 | 90 | 120 | 135 | 185 | 215 | 290 | 340 | 230 | 215 | 200 | 175 | 150 | 175 | 275 | 195 | 220 | 10 | |
| 9 | 205 | 210 | 200 | 205 | 230 | [VA] | 280 | 30 | 15 | 20 | 40 | 345 | 85 | 40 | 0 | 350 | 290 | 285 | 325 | 155 | 160 | 150 | 195 | 235 | 10 | |
| 10 | 240 | 220 | 180 | 250 | 20 | 345 | 40 | 50 | 310 | 350 | 40 | 30 | 40 | 235 | 195 | 200 | 205 | 235 | 270 | 210 | 225 | 230 | 205 | 205 | 11 | |
| 11 | 270 | 185 | 195 | 310 | 275 | [VA] | [VA] | [VA] | 35 | 20 | 305 | 260 | 300 | 260 | 295 | 285 | 300 | 300 | 290 | 290 | 285 | 295 | 320 | 315 | 14 | |
| 12 | 260 | 235 | 230 | 345 | [VA] | 260 | [VA] | 305 | 10 | 170 | 35 | 25 | 25 | 30 | 30 | 55 | 25 | 30 | 15 | 285 | 230 | 195 | 245 | 215 | 2 | |
| 13 | 20 | 0 | 315 | 340 | 295 | [VA] | 355 | 25 | 30 | 20 | 35 | 60 | 0 | [VA] | 45 | 30 | 60 | 110 | 225 | 205 | 210 | 195 | 205 | 250 | 2 | |
| 14 | 205 | 0 | 5 | 335 | 300 | 95 | 55 | 25 | 30 | 30 | 35 | 20 | 15 | 290 | 215 | 245 | 235 | 230 | 220 | 190 | 190 | 195 | 200 | 205 | [VA] | |
| 15 | 235 | 330 | 355 | 355 | 40 | 75 | 85 | 65 | 40 | 50 | 60 | 40 | 50 | 55 | 70 | 70 | 80 | 75 | 65 | 65 | 70 | 65 | 75 | 70 | 4 | |
| 16 | 60 | 65 | 80 | 80 | 115 | 120 | 100 | 80 | 40 | 50 | 45 | 35 | 45 | 355 | 350 | 20 | 310 | 300 | 20 | [VA] | 190 | 215 | 345 | 315 | [VA] | |
| 17 | 0 | 350 | 190 | 330 | 235 | 25 | 45 | 35 | 35 | 10 | 55 | 30 | 15 | 5 | 10 | 325 | [VA] | 25 | 0 | 160 | 180 | 200 | 205 | 175 | 1 | |
| 18 | 250 | 145 | [VA] | [VA] | 285 | 285 | 45 | 30 | 25 | 35 | 15 | 350 | 280 | 210 | 230 | 240 | 210 | 210 | 240 | 230 | 265 | 245 | 235 | 195 | 12 | |
| 19 | 195 | 165 | 210 | 210 | 215 | 240 | 245 | 205 | 240 | 0 | 350 | 15 | 265 | 185 | 95 | 195 | 165 | 175 | 165 | 185 | 175 | 160 | 120 | 145 | 9 | |
| 20 | 50 | 235 | 275 | 210 | 195 | 195 | 225 | 250 | 230 | 170 | 135 | 225 | 170 | 165 | 155 | 185 | 205 | 190 | 195 | 195 | 165 | 190 | 195 | [VA] | 10 | |
| 21 | 205 | 210 | [VA] | 165 | 225 | 175 | 40 | 35 | 60 | 30 | 200 | 205 | 195 | 165 | 210 | 30 | 30 | [VA] | [VA] | 110 | 255 | 265 | 235 | [VA] | 10 | |
| 22 | 215 | [VA] | 210 | 210 | 200 | 200 | 295 | 30 | 30 | 30 | 15 | 285 | 280 | 230 | 190 | 205 | 205 | 200 | 195 | 110 | 295 | 215 | 200 | 185 | 10 | |
| 23 | 185 | 225 | 225 | 205 | 295 | 215 | 205 | 200 | [VA] | 30 | 20 | 10 | 15 | 275 | 270 | 310 | 45 | 20 | 45 | 110 | 155 | 15 | 290 | 75 | 2 | |
| 24 | 135 | 165 | 95 | 175 | [VA] | 250 | 20 | 335 | 30 | 45 | 25 | 15 | 175 | 215 | 185 | 30 | 195 | 130 | 15 | 205 | 230 | [VA] | [VA] | [VA] | 2 | |
| 25 | 190 | [VA] | [VA] | 330 | [VA] | 15 | 40 | 45 | 20 | 355 | 305 | 295 | 315 | 225 | 215 | [VA] | 205 | 135 | 155 | 160 | 185 | 305 | 250 | 60 | 15 | |
| 26 | 0 | 275 | 355 | 330 | 165 | 355 | 30 | 25 | 320 | 15 | 20 | 300 | 45 | 25 | 305 | 15 | 340 | 350 | 5 | 55 | 175 | 320 | 305 | 315 | 2 | |
| 27 | 340 | 205 | 315 | [VA] | 115 | 355 | 20 | 25 | 40 | 30 | 25 | 35 | 355 | 320 | 300 | 335 | 310 | 240 | 260 | 200 | 165 | 170 | 105 | 155 | 2 | |
| 28 | 25 | 15 | 10 | 140 | 125 | 20 | 20 | 10 | 55 | 5 | 355 | 45 | 30 | 210 | 240 | 225 | 220 | 225 | 205 | 200 | 195 | 195 | 210 | 220 | 2 | |
| 29 | 245 | 255 | 20 | 305 | 255 | 235 | 285 | 355 | 15 | 30 | 30 | 25 | 20 | 280 | 200 | 320 | 325 | 350 | 320 | 315 | 285 | 265 | 325 | 250 | [VA] | |
| 30 | 180 | 220 | 205 | 235 | 285 | [VA] | 30 | 235 | 45 | 70 | 335 | 5 | 295 | 310 | 265 | 350 | 140 | 170 | 145 | 155 | 175 | 230 | 250 | 150 | [VA] | |
| 31 | [VA] | [VA] | 40 | 315 | 335 | 185 | 40 | 25 | 35 | 30 | 45 | 25 | 310 | 175 | 135 | 225 | 255 | 290 | 280 | 240 | 200 | 240 | 45 | 20 | [VA] | |
| PV | 10 | 11 | 10 | 10 | 14 | 11 | [VA] | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 10 | 2 | 10 | 10 | 10 | 10 | 9 | [VA] | 10 | 11 | 10 | |

WIND DIRECTION @ 20M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JUNE,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | PREV | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 335 | 135 | 145 | 45 | 345 | 250 | 15 | 45 | 15 | 25 | 15 | 25 | 315 | 210 | 215 | 220 | 275 | 265 | 280 | 245 | 190 | 200 | 195 | 190 | 2 | |
| 2 | 215 | 270 | [VA] | 350 | 110 | 50 | [VA] | 30 | 35 | 20 | 25 | 320 | 305 | 265 | 195 | 190 | 200 | 205 | 205 | 210 | 195 | 190 | 205 | 210 | 10 | |
| 3 | 205 | 285 | 40 | 155 | 305 | 325 | 350 | 20 | 20 | 190 | 200 | 205 | 195 | 205 | 205 | 205 | 200 | 215 | 210 | 230 | 185 | 190 | 195 | 195 | 10 | |
| 4 | 195 | 210 | 210 | 45 | 240 | 45 | 70 | 35 | 40 | 30 | [VA] | 220 | 205 | 205 | 230 | 210 | 200 | 215 | 220 | 215 | 190 | 185 | 195 | 110 | 10 | |
| 5 | 225 | [VA] | 245 | 15 | [VA] | [VA] | 40 | 15 | 40 | 15 | 5 | 0 | 185 | 195 | 160 | 195 | 205 | 190 | 205 | 195 | 190 | 195 | 190 | 245 | 10 | |
| 6 | 5 | 50 | 270 | [VA] | 0 | 305 | [VA] | 20 | 25 | 235 | 195 | 205 | 205 | 195 | 185 | 205 | 190 | 180 | 170 | 175 | 165 | 180 | 160 | 175 | [VA] | |
| 7 | 175 | 240 | 265 | 160 | 195 | 335 | [VA] | 350 | 190 | 205 | 200 | 215 | 295 | 250 | 230 | 215 | 205 | 195 | 185 | 180 | 185 | 195 | 180 | 185 | 10 | |
| 8 | 195 | 330 | 210 | 150 | 320 | 305 | 345 | 15 | 215 | 205 | 200 | 195 | 205 | 190 | 200 | 215 | 210 | 210 | 245 | 255 | 210 | 195 | 245 | 230 | 10 | |
| 9 | 250 | 225 | 320 | 280 | 5 | 65 | 20 | 25 | 10 | 305 | 305 | 195 | 200 | 205 | 210 | 210 | 210 | 205 | 200 | 200 | 185 | 185 | 195 | [VA] | 10 | |
| 10 | 280 | [VA] | [VA] | 340 | 225 | 210 | 200 | 200 | 190 | 185 | 195 | 190 | 180 | 195 | 200 | 195 | 205 | 195 | 205 | 205 | 285 | 305 | 315 | 340 | 10 | |
| 11 | 215 | 205 | 185 | 210 | 195 | 220 | 300 | 325 | 215 | 215 | 205 | 215 | 235 | 305 | 250 | 220 | 250 | 310 | 310 | 300 | 140 | 200 | 195 | 200 | 11 | |
| 12 | 235 | 225 | 225 | 220 | 195 | 260 | 200 | 255 | 270 | 290 | 305 | 300 | 280 | 255 | 250 | 260 | 260 | 225 | 270 | 240 | 205 | 225 | 220 | 205 | 11 | |
| 13 | 190 | 195 | 230 | 240 | 230 | 200 | 190 | 90 | 50 | 20 | 295 | 300 | 330 | 350 | 335 | 5 | 350 | 315 | 350 | 290 | 300 | 235 | 215 | 60 | 11 | |
| 14 | 45 | 230 | 220 | 215 | 195 | 195 | 195 | 235 | 255 | 280 | 280 | 265 | 245 | 305 | 300 | 285 | 20 | 355 | 45 | 40 | 35 | 50 | 205 | 250 | 11 | |
| 15 | 85 | 310 | 315 | 150 | 195 | 330 | 25 | 35 | 35 | 25 | 35 | 30 | 345 | 10 | 335 | 320 | 20 | 40 | 25 | 185 | 195 | 200 | 195 | 195 | 2 | |
| 16 | 195 | 205 | 245 | 205 | 235 | [VA] | 205 | 200 | 220 | 300 | 295 | 230 | 355 | 350 | 340 | 345 | 335 | 310 | 295 | 305 | 325 | 10 | 165 | 160 | 16 | |
| 17 | 135 | 35 | 30 | 200 | 335 | [VA] | 165 | 265 | 295 | 305 | 25 | 35 | 305 | 355 | 30 | 65 | 310 | 150 | 150 | 200 | 250 | 75 | 105 | 175 | [VA] | |
| 18 | 205 | 205 | [VA] | 335 | [VA] | 30 | 350 | 10 | 325 | 305 | 275 | 290 | 325 | 350 | 350 | 320 | 330 | 70 | 45 | 65 | 65 | 65 | 85 | 90 | [VA] | |
| 19 | 260 | 320 | 260 | 115 | 95 | 25 | 25 | 5 | 10 | 35 | 40 | 155 | 300 | 305 | 310 | 310 | 35 | 20 | 25 | 90 | 35 | 40 | 250 | 65 | 3 | |
| 20 | 120 | [VA] | 330 | 355 | 45 | 120 | [VA] | 35 | 20 | 45 | 30 | 320 | 245 | 195 | 210 | 225 | 205 | 210 | 205 | 200 | 185 | 210 | 225 | 185 | 10 | |
| 21 | 195 | 195 | 200 | 200 | 185 | 205 | 260 | 25 | 30 | 355 | 240 | 0 | 230 | 245 | 255 | 255 | 240 | 230 | 205 | 205 | 200 | 195 | 210 | 200 | 10 | |
| 22 | 185 | 190 | 215 | 190 | 195 | 180 | 165 | 160 | 170 | 160 | 185 | 105 | 155 | 160 | 340 | 10 | 355 | 305 | 80 | 150 | 150 | 140 | 115 | 130 | 8 | |
| 23 | 205 | 205 | 210 | 225 | 235 | 215 | 335 | 270 | 275 | 300 | 275 | 270 | 285 | 285 | 290 | 290 | 295 | 285 | 295 | 300 | 300 | 330 | 355 | 125 | [VA] | |
| 24 | 190 | 340 | 290 | 190 | 345 | [VA] | 20 | 35 | 355 | 290 | 260 | 275 | 280 | 275 | 300 | 290 | 270 | 265 | 305 | 300 | 290 | 280 | 260 | 190 | 14 | |
| 25 | 200 | 40 | 210 | 350 | 210 | 20 | 345 | 15 | 20 | 335 | 295 | 230 | 250 | 235 | 250 | 220 | 250 | 265 | 275 | 275 | 255 | 195 | 190 | 210 | 12 | |
| 26 | 210 | 260 | 250 | 280 | 285 | 270 | 315 | 40 | 355 | 290 | 25 | 325 | 10 | 350 | 295 | 295 | 345 | 30 | 355 | 340 | [VA] | 305 | 260 | 40 | 14 | |
| 27 | 315 | 5 | 285 | 20 | 65 | 90 | 45 | 35 | 45 | 45 | 45 | 25 | 330 | 320 | 300 | [VA] | 275 | 320 | 350 | 350 | 315 | 300 | 275 | 245 | [VA] | |
| 28 | 5 | 285 | [VA] | 335 | 330 | [VA] | 10 | 20 | 320 | 30 | 50 | [VA] | 40 | [VA] | 10 | 355 | [VA] | 0 | 40 | 75 | 265 | [VA] | [VA] | 255 | 1 | |
| 29 | 205 | [VA] | 105 | 215 | 265 | 350 | 45 | 65 | 30 | 25 | 30 | 30 | 10 | [VA] | 205 | 210 | 285 | 115 | 155 | 155 | 165 | 180 | 185 | 190 | [VA] | |
| 30 | 100 | 85 | 65 | 105 | 145 | 200 | 100 | 115 | 145 | [VA] | 210 | 195 | 200 | [VA] | [VA] | 205 | [VA] | 330 | [VA] | [VA] | 180 | 195 | 205 | 205 | 10 | |
| 31 | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | |
| PV | 10 | 10 | 11 | 10 | 10 | 10 | 2 | 2 | 2 | 2 | 2 | 10 | [VA] | 10 | 10 | [VA] | 10 | 10 | 10 | 10 | 9 | 10 | 10 | [VA] | 10 | |

WIND DIRECTION @ 20M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JULY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | PREV | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 190 | 195 | 195 | 75 | 215 | 250 | 215 | 185 | 195 | 270 | 280 | 125 | 80 | 45 | 250 | 255 | 200 | 200 | 190 | 180 | 180 | 200 | 220 | 300 | 10 | |
| 2 | 190 | 80 | 70 | 65 | 195 | 195 | 190 | 40 | 310 | 340 | 325 | 10 | 0 | [VA] | 215 | 250 | 250 | 225 | 255 | 250 | 290 | 290 | 290 | 65 | 12 | |
| 3 | 100 | 110 | 130 | 200 | 250 | 290 | 15 | 20 | 25 | 45 | 340 | 55 | 30 | 5 | 0 | 335 | 15 | 85 | 10 | 280 | 195 | 200 | 185 | [VA] | 2 | |
| 4 | 345 | 305 | 5 | 35 | 285 | 350 | 60 | 10 | 30 | 20 | 15 | 345 | 5 | 300 | 290 | 260 | 245 | 275 | 280 | 215 | 215 | 240 | 200 | [VA] | 1 | |
| 5 | 110 | 325 | 355 | [VA] | 110 | [VA] | [VA] | 10 | 10 | 10 | 285 | 335 | 300 | 330 | 340 | 300 | 10 | 340 | 15 | 30 | 135 | 120 | [VA] | 200 | 1 | |
| 6 | 300 | 15 | 240 | 240 | 300 | 20 | 25 | 75 | 45 | 20 | 15 | [VA] | 15 | 40 | 30 | 180 | 280 | 320 | 340 | 280 | 285 | 190 | 220 | 220 | 2 | |
| 7 | 230 | 210 | [VA] | 310 | 305 | 185 | 345 | 20 | 30 | 20 | 310 | 340 | 145 | 145 | 160 | 125 | 135 | 190 | 190 | 195 | 175 | 210 | 175 | 175 | 9 | |
| 8 | 195 | 130 | 215 | 200 | 85 | 225 | 45 | 10 | 40 | 40 | 20 | 300 | 290 | 350 | 225 | 195 | 285 | 305 | 330 | 125 | 175 | 190 | 195 | 210 | 10 | |
| 9 | 225 | 200 | 210 | 195 | 190 | 200 | 120 | 260 | 200 | 335 | 315 | 330 | 350 | 5 | 195 | 180 | 315 | 210 | 90 | 195 | 190 | 210 | 215 | 155 | 10 | |
| 10 | 180 | 185 | 250 | 230 | 270 | 250 | 265 | 30 | 25 | 35 | 280 | 345 | 20 | 0 | 255 | 200 | 140 | 240 | 300 | 30 | 130 | 160 | 180 | 215 | 12 | |
| 11 | 210 | 225 | 245 | [VA] | 300 | 325 | 5 | 345 | 30 | 25 | 15 | 310 | 30 | 60 | 325 | 225 | 335 | 220 | 330 | 255 | 190 | 195 | 230 | 210 | 11 | |
| 12 | 180 | 210 | 200 | 200 | 200 | 230 | 180 | 180 | 210 | 285 | 230 | 270 | 290 | 350 | 165 | 200 | 195 | 165 | 210 | 300 | 315 | 180 | 165 | 120 | 9 | |
| 13 | 150 | 180 | 190 | 225 | 135 | 320 | 250 | 330 | 30 | 15 | 30 | 305 | 300 | 345 | 355 | 290 | 270 | 245 | 340 | 330 | 195 | 185 | 320 | 150 | 15 | |
| 14 | 215 | 315 | 165 | 290 | 70 | [VA] | 25 | 30 | 15 | 15 | 15 | 5 | 330 | 290 | 290 | 260 | 285 | 300 | 315 | 315 | 245 | 215 | 225 | 245 | 14 | |
| 15 | 240 | 345 | 10 | 5 | 15 | 15 | 170 | 15 | 25 | 15 | 10 | 35 | 30 | [VA] | 315 | 345 | [VA] | 325 | 10 | [VA] | 175 | 215 | 180 | 260 | 1 | |
| 16 | 250 | 345 | 155 | [VA] | [VA] | 320 | 310 | 20 | 30 | 45 | 20 | 350 | 50 | 330 | [VA] | 350 | 20 | 340 | 45 | 45 | 210 | 200 | 195 | 200 | 3 | |
| 17 | 215 | 170 | [VA] | [VA] | 305 | 170 | 185 | 135 | 220 | 315 | 315 | 300 | 300 | 40 | 210 | 335 | 335 | 330 | 330 | 210 | 250 | 210 | 125 | 150 | 15 | |
| 18 | 240 | 95 | 215 | 275 | 165 | 210 | 320 | [VA] | 30 | 15 | 295 | 320 | 285 | 310 | 325 | 300 | 285 | 285 | 270 | 185 | 160 | 165 | 135 | 240 | 14 | |
| 19 | 220 | 240 | 240 | 290 | [VA] | 140 | 10 | 75 | 0 | 5 | 45 | 315 | 270 | 270 | 190 | 170 | 155 | 140 | 195 | 200 | 170 | 280 | 240 | 150 | [VA] | |
| 20 | 145 | 180 | 190 | 250 | [VA] | 230 | 125 | 335 | 15 | 45 | 225 | 255 | 240 | 315 | 355 | 285 | 255 | 190 | 230 | 240 | 195 | 205 | 280 | 170 | 12 | |
| 21 | [VA] | 180 | [VA] | 80 | [VA] | [VA] | 345 | 30 | 50 | 15 | 255 | 270 | 280 | 320 | 285 | 285 | 10 | 20 | 355 | 345 | 0 | [VA] | 240 | 230 | 1 | |
| 22 | 230 | 195 | 30 | 345 | 100 | [VA] | 35 | 30 | 40 | 40 | 45 | 355 | 25 | 15 | 95 | 325 | 210 | 35 | 5 | 355 | 295 | 245 | 285 | 215 | 2 | |
| 23 | 245 | 330 | 260 | [VA] | [VA] | 320 | [VA] | 45 | 15 | 40 | 20 | 355 | 340 | 330 | 60 | 30 | 15 | 30 | 20 | 70 | 130 | 170 | 165 | 165 | 2 | |
| 24 | 235 | [VA] | 315 | 160 | 340 | [VA] | [VA] | 30 | 35 | [VA] | 225 | 15 | 285 | 300 | [VA] | 310 | 175 | 195 | 180 | 190 | 195 | 225 | 200 | 200 | 10 | |
| 25 | 205 | 200 | 195 | 200 | 195 | 205 | 210 | 210 | 210 | 280 | [VA] | 60 | 150 | 205 | 160 | 185 | 265 | 255 | 150 | 130 | 120 | 215 | 210 | [VA] | 10 | |
| 26 | 270 | 225 | 160 | [VA] | [VA] | [VA] | 235 | 20 | 30 | 45 | 330 | 315 | 15 | 300 | 270 | 200 | 150 | 135 | 120 | 150 | 165 | 200 | 210 | 205 | 10 | |
| 27 | 215 | 205 | 210 | 205 | 205 | 50 | [VA] | 300 | 270 | 240 | 315 | 240 | 240 | 330 | 345 | 0 | 315 | 5 | 305 | 300 | 285 | 230 | 230 | 15 | 15 | |
| 28 | 200 | 355 | [VA] | 300 | 20 | 345 | 0 | 5 | 25 | 25 | 40 | [VA] | 315 | 320 | 0 | 5 | 15 | 15 | 10 | 330 | 270 | 210 | 240 | 15 | 1 | |
| 29 | 205 | 0 | 200 | 300 | 315 | [VA] | 15 | 25 | 40 | 40 | 350 | 310 | 300 | 155 | 135 | 345 | 355 | 10 | 30 | 75 | [VA] | 115 | 55 | 80 | 1 | |
| 30 | 15 | 30 | 345 | 250 | 215 | 240 | 255 | 245 | 5 | 15 | 20 | 350 | 325 | 320 | 335 | 330 | 10 | 0 | 300 | 280 | 240 | [VA] | 100 | 110 | 2 | |
| 31 | 110 | 240 | 290 | 275 | 245 | 150 | 145 | 15 | 350 | 15 | 355 | 0 | 340 | 15 | 355 | 0 | 0 | 270 | 240 | 205 | 215 | 300 | 95 | 130 | 1 | |
| PV | [VA] | 10 | 10 | 10 | [VA] | 10 | 2 | 1 | 2 | 2 | 2 | [VA] | 14 | 16 | 16 | 16 | 1 | 16 | 1 | 10 | [VA] | 10 | 10 | [VA] | 10 | |

WIND DIRECTION @ 30M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

MAY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | PREV | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 350 | 10 | 320 | 275 | 350 | 315 | 45 | 40 | 10 | 335 | 345 | 15 | 345 | 300 | 345 | 345 | 320 | 260 | 225 | 190 | 205 | 205 | 215 | 220 | 16 | |
| 2 | 225 | 235 | 305 | 335 | 310 | 345 | 305 | 30 | 50 | 25 | 45 | 315 | 300 | 350 | 10 | 80 | 235 | 145 | [VA] | 295 | 240 | 270 | 330 | 350 | 16 | |
| 3 | 225 | 330 | [VA] | 35 | 75 | 345 | 310 | 45 | 45 | 45 | 60 | 5 | [VA] | 200 | 225 | 205 | 200 | 220 | 220 | 210 | 205 | 215 | 235 | 230 | [VA] | |
| 4 | 215 | 205 | 210 | 205 | 210 | 215 | 215 | 215 | 215 | 230 | 240 | 235 | 240 | 235 | 275 | 280 | 295 | 350 | 205 | 245 | 235 | 215 | 220 | 220 | 11 | |
| 5 | 270 | 30 | 280 | 285 | 350 | [VA] | 325 | 35 | 50 | 290 | 275 | 310 | 350 | 0 | 350 | 350 | 335 | 350 | 330 | 85 | 65 | 335 | 350 | 265 | 1 | |
| 6 | 295 | 295 | 240 | 205 | 185 | 250 | 225 | 90 | 315 | 310 | 350 | 320 | 225 | 35 | 120 | 140 | 120 | 195 | 70 | 180 | 175 | [VA] | 270 | 195 | 10 | |
| 7 | 325 | 145 | 315 | 75 | 75 | [VA] | 5 | 135 | 35 | 40 | 65 | 30 | 65 | 50 | 45 | 30 | 20 | 355 | 290 | 255 | 205 | 115 | 345 | 240 | 3 | |
| 8 | 225 | 230 | 225 | 210 | 190 | 75 | 155 | 120 | 105 | 130 | 150 | 190 | 230 | 290 | 355 | 255 | 230 | 210 | 180 | 160 | 190 | 300 | 200 | 215 | [VA] | |
| 9 | 215 | 225 | 215 | 215 | 225 | [VA] | 240 | 30 | 45 | 45 | 45 | 0 | 285 | 20 | 15 | 0 | 285 | 305 | 240 | 170 | 170 | 160 | 195 | 240 | 11 | |
| 10 | 245 | 270 | 215 | 285 | 35 | 15 | 75 | 65 | 315 | 45 | 40 | 315 | 45 | 240 | 215 | 215 | 215 | 245 | 275 | 225 | 230 | 235 | 215 | 225 | 11 | |
| 11 | 275 | 195 | 205 | 240 | 240 | [VA] | [VA] | [VA] | 30 | 30 | 315 | 270 | 300 | 270 | 300 | 310 | 315 | 300 | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | 14 | |
| 12 | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | 30 | 40 | 40 | 45 | 45 | 50 | 45 | 40 | 30 | 300 | 280 | 225 | 285 | 240 | 3 | |
| 13 | 350 | 320 | 300 | 355 | 300 | [VA] | 30 | 40 | 45 | 30 | 75 | 15 | 10 | [VA] | 25 | 45 | 75 | 320 | 225 | 215 | 200 | 270 | 225 | 240 | 2 | |
| 14 | 200 | 10 | 10 | 345 | 300 | 135 | 55 | 30 | 45 | 45 | 50 | 30 | 45 | 305 | 215 | 255 | 235 | 250 | 225 | 205 | 205 | 205 | 210 | 215 | 10 | |
| 15 | 245 | 225 | 15 | 10 | 60 | 90 | 95 | 75 | 45 | 55 | 75 | 45 | 60 | 70 | 85 | 85 | 95 | 90 | 80 | 80 | 85 | 80 | 90 | 85 | 4 | |
| 16 | 95 | 80 | 95 | 90 | 125 | 130 | 115 | 90 | 55 | 65 | 60 | 45 | 15 | 315 | 320 | 30 | 330 | 315 | 35 | 335 | 180 | 330 | 355 | 0 | [VA] | |
| 17 | 5 | 15 | 315 | 355 | 275 | 355 | 110 | 50 | 50 | 40 | 65 | 40 | 30 | 20 | 20 | 340 | [VA] | 50 | 25 | 110 | 195 | 210 | 215 | 190 | 2 | |
| 18 | 235 | 160 | [VA] | [VA] | 345 | 295 | 50 | 35 | 35 | 45 | 25 | 5 | 290 | 225 | 240 | 255 | 225 | 220 | 255 | 245 | 260 | 260 | 255 | 210 | 12 | |
| 19 | 210 | 185 | 220 | 235 | 225 | 250 | 255 | 220 | 255 | 15 | 5 | 30 | 275 | 200 | 115 | 210 | 180 | 190 | 175 | 200 | 185 | 175 | 130 | 160 | [VA] | |
| 20 | 235 | 280 | 300 | 220 | 210 | 205 | 235 | 250 | 245 | 185 | 145 | 235 | 180 | 175 | 170 | 200 | 220 | 205 | 205 | 210 | 180 | 205 | 210 | 225 | 10 | |
| 21 | 215 | 225 | [VA] | 180 | 225 | 205 | 60 | 50 | 165 | 55 | 210 | 220 | 205 | 180 | 210 | 45 | 45 | [VA] | [VA] | 145 | 265 | 275 | 250 | [VA] | 10 | |
| 22 | 230 | [VA] | 225 | 225 | 220 | 215 | 255 | 40 | 30 | 35 | 15 | 285 | 290 | 240 | 205 | 210 | 220 | 215 | 210 | 120 | 5 | 230 | 220 | 195 | 11 | |
| 23 | 210 | 255 | 260 | 215 | 355 | 225 | 220 | 220 | [VA] | 40 | 40 | 25 | 15 | 225 | 260 | 305 | 70 | 35 | 65 | 135 | 165 | 70 | 300 | 85 | [VA] | |
| 24 | 145 | 165 | 355 | 280 | [VA] | 210 | 300 | 345 | 40 | 55 | 35 | 30 | 285 | 230 | 200 | 250 | 210 | 145 | 20 | 215 | 235 | [VA] | [VA] | [VA] | 11 | |
| 25 | 200 | [VA] | [VA] | 340 | [VA] | 20 | 0 | 65 | 350 | 25 | 255 | 305 | 330 | 240 | 230 | [VA] | 230 | 315 | 165 | 175 | 190 | [ 1 | 255 | 340 | 16 | |
| 26 | 330 | 260 | 5 | 315 | 180 | 10 | 35 | 35 | 330 | 15 | 35 | 310 | 55 | 40 | 315 | 40 | 25 | 20 | 35 | 55 | 155 | 45 | 335 | 325 | 3 | |
| 27 | 335 | 205 | 315 | [VA] | 270 | 5 | 45 | 40 | 50 | 45 | 45 | 45 | 10 | 340 | 315 | 350 | 350 | 250 | 275 | 215 | 210 | 195 | 155 | 245 | [VA] | |
| 28 | 75 | 0 | 15 | 160 | 115 | 10 | 340 | 50 | 80 | 25 | 10 | 55 | 45 | 265 | 255 | 235 | 235 | 240 | 220 | 215 | 205 | 210 | 220 | 235 | 11 | |
| 29 | 135 | 275 | 290 | 265 | 55 | 245 | 285 | 350 | 30 | 40 | 30 | 40 | 35 | 300 | 245 | 330 | 340 | 5 | 335 | 330 | 300 | 280 | 340 | 295 | 14 | |
| 30 | 185 | 235 | 215 | 260 | 290 | [VA] | 50 | 250 | 60 | 75 | 355 | 20 | 290 | 320 | 280 | 0 | 150 | 185 | 155 | 165 | 185 | 230 | 320 | 160 | 8 | |
| 31 | [VA] | [VA] | 50 | 325 | 0 | 260 | 65 | 35 | 50 | 40 | 50 | 65 | 325 | 190 | 155 | 265 | 265 | 305 | 295 | 260 | 215 | 210 | 15 | 150 | 3 | |
| PV | 11 | 11 | 11 | 11 | 11 | 1 | 3 | 3 | 2 | 3 | 3 | 2 | 3 | 11 | 11 | 12 | 11 | 12 | 11 | 10 | 10 | 10 | 11 | 11 | 11 | |

WIND DIRECTION @ 30M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JUNE,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | PREV | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 345 | 200 | 265 | 0 | 355 | 330 | 110 | 60 | 30 | 35 | 30 | 40 | 335 | 225 | 230 | 235 | 285 | 280 | 290 | 260 | 205 | 210 | 205 | 205 | 10 | |
| 2 | 235 | 290 | 30 | 5 | 20 | 35 | [VA] | 45 | 50 | 35 | 40 | 335 | 315 | 285 | 205 | 205 | 215 | 220 | 220 | 225 | 215 | 205 | 210 | 220 | 11 | |
| 3 | 200 | 10 | 30 | 135 | 350 | 60 | 0 | 40 | 35 | 205 | 215 | 215 | 210 | 220 | 220 | 215 | 215 | 225 | 225 | 250 | 200 | 205 | 205 | 205 | 11 | |
| 4 | 205 | 225 | 260 | 30 | 300 | 55 | 105 | 60 | 60 | 45 | 185 | 215 | 220 | 215 | 240 | 225 | 215 | 225 | 235 | 225 | 210 | 200 | 205 | 200 | [VA] | |
| 5 | 230 | [VA] | 350 | 25 | [VA] | 315 | 80 | 15 | 50 | 35 | 30 | 20 | 195 | 205 | 200 | 205 | 215 | 200 | 215 | 210 | 205 | 210 | 195 | 230 | [VA] | |
| 6 | 35 | 45 | 305 | 180 | 345 | 310 | 185 | 50 | 45 | 250 | 210 | 220 | 220 | 210 | 200 | 215 | 205 | 195 | 180 | 185 | 195 | 190 | 175 | 185 | 10 | |
| 7 | 185 | 240 | 285 | 140 | 200 | 335 | [VA] | 5 | 205 | 220 | 215 | 230 | 305 | 260 | 245 | 225 | 220 | 205 | 195 | 195 | 200 | 205 | 195 | 200 | 11 | |
| 8 | 200 | 260 | 250 | 140 | [VA] | 335 | 355 | 5 | 205 | 220 | 215 | 210 | 220 | 205 | 215 | 230 | 225 | 225 | 260 | 265 | 225 | 210 | 265 | 250 | 11 | |
| 9 | 255 | 250 | 265 | 300 | 345 | 90 | 100 | 40 | 40 | 320 | 325 | 210 | 215 | 220 | 220 | 225 | 225 | 220 | 215 | 220 | 205 | 200 | 205 | [VA] | 11 | |
| 10 | 330 | 190 | 290 | 350 | 230 | 215 | 210 | 215 | 200 | 200 | 205 | 205 | 195 | 205 | 210 | 205 | 215 | 205 | 220 | 220 | 300 | 320 | 330 | 345 | 10 | |
| 11 | 230 | 220 | 205 | 220 | 210 | 235 | 315 | 340 | 230 | 225 | 220 | 225 | 250 | 315 | 260 | 235 | 265 | 320 | 325 | 310 | 170 | 215 | 210 | 215 | 11 | |
| 12 | 255 | 240 | 240 | 240 | 220 | 270 | 215 | 260 | 280 | 305 | 315 | 315 | 295 | 265 | 260 | 270 | 275 | 245 | 280 | 255 | 220 | 240 | 235 | 220 | 12 | |
| 13 | 205 | 205 | 250 | 255 | 245 | 215 | 205 | 105 | 65 | 35 | 305 | 310 | 345 | 5 | 345 | 20 | 5 | 325 | 10 | 305 | 305 | 250 | 230 | 80 | 15 | |
| 14 | 60 | 235 | 235 | 230 | 215 | 210 | 210 | 245 | 270 | 295 | 295 | 275 | 260 | 315 | 320 | 315 | 25 | 15 | 60 | 55 | 50 | 65 | 205 | 285 | 11 | |
| 15 | [VA] | 320 | 330 | 160 | 160 | 340 | 40 | 50 | 45 | 30 | 65 | 70 | 5 | 25 | 340 | 335 | 35 | 80 | 0 | 200 | 205 | 210 | 205 | 210 | 16 | |
| 16 | 210 | 215 | 255 | 220 | 230 | [VA] | 220 | 215 | 235 | 315 | 315 | 240 | 5 | 5 | 355 | 0 | 345 | 320 | 310 | 320 | 335 | 20 | 180 | 175 | 11 | |
| 17 | 150 | 60 | 10 | [VA] | 340 | [VA] | 175 | 275 | 315 | 320 | 40 | 55 | 315 | 10 | 55 | 75 | 315 | 165 | 165 | 210 | 270 | 90 | 120 | 190 | [VA] | |
| 18 | 215 | 210 | [VA] | 350 | 5 | 55 | 15 | 25 | 330 | 315 | 290 | 310 | 335 | 5 | 355 | 340 | 355 | 90 | 60 | 85 | 80 | 85 | 100 | 110 | 1 | |
| 19 | 290 | 350 | 285 | 125 | 35 | 50 | 30 | 15 | 20 | 45 | 55 | 170 | 310 | 320 | 320 | 325 | 50 | 35 | 50 | 85 | 55 | [VA] | 265 | 35 | 3 | |
| 20 | 60 | 15 | 350 | 30 | 15 | 120 | 330 | 30 | 40 | 50 | 30 | 340 | 250 | 200 | 215 | 230 | 215 | 210 | 220 | 215 | 200 | 220 | 240 | 200 | 11 | |
| 21 | 205 | 205 | 165 | 215 | 200 | 210 | [VA] | 35 | 40 | 35 | 250 | 0 | 245 | 260 | 270 | 265 | 255 | 245 | 225 | 220 | 210 | 210 | 220 | 210 | [VA] | |
| 22 | 200 | 200 | 225 | 205 | 210 | 195 | 180 | 175 | 185 | 175 | 190 | 125 | 155 | 170 | 355 | 25 | 10 | 320 | 100 | 160 | 160 | 155 | 130 | 125 | 9 | |
| 23 | 210 | 205 | 225 | 235 | 265 | 230 | 245 | 285 | 290 | 315 | 290 | 285 | 300 | 300 | 300 | 305 | 310 | 300 | 310 | 315 | 315 | 345 | 355 | 115 | [VA] | |
| 24 | 195 | 330 | 330 | 210 | 0 | 345 | 35 | 50 | 15 | 305 | 280 | 290 | 290 | 285 | 320 | 295 | 280 | 300 | 315 | 315 | 305 | 295 | 275 | 210 | [VA] | |
| 25 | 215 | 10 | 230 | 315 | 210 | 25 | 345 | 15 | 45 | 340 | 310 | 245 | 260 | 250 | 265 | 235 | 260 | 280 | 290 | 290 | 270 | 215 | 205 | 225 | [VA] | |
| 26 | 220 | 275 | 265 | 295 | 305 | 285 | 325 | 55 | 10 | 305 | 25 | 350 | 25 | 5 | 310 | 310 | 50 | 45 | 10 | 355 | [VA] | 325 | 280 | 285 | 15 | |
| 27 | 350 | 340 | 340 | 15 | 70 | 90 | 50 | 55 | 60 | 55 | 55 | 45 | 340 | 330 | 320 | 325 | 290 | 335 | 0 | 5 | 335 | 315 | 310 | 335 | 16 | |
| 28 | 5 | 305 | 85 | 355 | 325 | 310 | 30 | 25 | 335 | 45 | 70 | 15 | 55 | 85 | 20 | 350 | 0 | 25 | 60 | 90 | 10 | 155 | 15 | 235 | 2 | |
| 29 | 240 | 350 | 110 | 130 | 335 | 250 | 95 | 85 | 40 | 35 | 45 | 40 | 25 | 295 | 220 | 225 | 310 | 140 | 165 | 170 | 175 | 190 | 200 | 200 | 9 | |
| 30 | 205 | 195 | 200 | 235 | 210 | 170 | 205 | 225 | 220 | [VA] | 230 | 210 | 215 | 210 | 200 | 210 | 240 | 340 | 300 | 195 | 195 | 195 | 205 | 210 | [VA] | |
| 31 | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | |
| PV | 11 | 11 | 12 | 11 | [VA] | [VA] | 10 | [VA] | 3 | 3 | [VA] | 11 | 11 | 10 | 11 | 11 | 11 | 11 | 11 | 11 | 10 | 10 | 10 | 10 | 11 | |

WIND DIRECTION @ 30M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JULY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | PREV | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 20 | 205 | 235 | 170 | 285 | 300 | 235 | 215 | 225 | 270 | 290 | [VA] | 130 | 130 | 270 | 265 | 245 | 225 | 210 | 210 | 195 | 210 | 265 | 15 | [VA] | |
| 2 | 220 | 115 | 90 | 75 | 240 | 225 | 215 | [VA] | 345 | 10 | 340 | 25 | 0 | 335 | 230 | 275 | 290 | 240 | 265 | 270 | 305 | 300 | 320 | 25 | 16 | |
| 3 | 115 | 110 | 120 | 195 | 250 | 275 | 5 | 35 | 35 | 70 | 15 | 60 | 40 | 345 | 25 | 345 | 30 | 100 | 25 | [VA] | 215 | 215 | 200 | 210 | 2 | |
| 4 | 350 | 340 | 15 | 20 | 315 | [VA] | 90 | 40 | 45 | 45 | 30 | 10 | 30 | 305 | 315 | 265 | 250 | 275 | 290 | 235 | 210 | 240 | 185 | [VA] | 2 | |
| 5 | [VA] | [VA] | 345 | 345 | [VA] | 355 | [VA] | 25 | 30 | 30 | 325 | 0 | 330 | 325 | 10 | 320 | 30 | 15 | 40 | 20 | 135 | 150 | [VA] | 290 | 2 | |
| 6 | 270 | 20 | [VA] | 240 | 260 | 30 | 315 | 85 | 45 | 355 | 20 | [VA] | 20 | 40 | 30 | [VA] | 275 | 330 | 345 | 280 | 300 | 215 | 265 | 220 | 2 | |
| 7 | 225 | 210 | [VA] | 315 | [VA] | 140 | 0 | 20 | 40 | 40 | 315 | 345 | 150 | 160 | 170 | 135 | 145 | 200 | 200 | 195 | 195 | 220 | 180 | 180 | [VA] | |
| 8 | 195 | 180 | 240 | 220 | [VA] | 225 | 50 | 355 | 35 | 45 | 25 | 320 | 300 | 5 | 220 | 210 | 300 | 305 | 5 | 160 | 190 | 195 | 200 | 220 | 10 | |
| 9 | 225 | 210 | 225 | 200 | 205 | 210 | 200 | 240 | 205 | 315 | 315 | 320 | 335 | 15 | 195 | 200 | 330 | 200 | 120 | 200 | 200 | 215 | 210 | 165 | 10 | |
| 10 | 200 | 190 | 290 | 240 | 240 | 290 | 245 | 35 | 30 | 40 | 30 | 350 | 10 | 15 | 280 | 205 | 155 | 245 | 315 | 30 | 135 | 155 | 185 | 220 | 2 | |
| 11 | 210 | 250 | 225 | [VA] | 315 | 345 | 15 | 0 | 30 | 40 | 30 | [VA] | 40 | 40 | 350 | 235 | 240 | 225 | 300 | 225 | 205 | 210 | 230 | 210 | 11 | |
| 12 | 190 | 215 | 210 | 210 | 220 | 240 | 195 | 200 | 215 | 255 | 250 | 0 | 300 | 0 | 170 | 190 | 205 | 180 | 225 | 285 | 350 | 170 | 175 | 125 | 10 | |
| 13 | 165 | 180 | 210 | 165 | [VA] | 315 | 245 | 330 | 45 | 40 | 35 | [VA] | 315 | 0 | 10 | 310 | 270 | 245 | 355 | 15 | [VA] | 200 | 335 | [VA] | 15 | |
| 14 | 215 | [VA] | [VA] | 350 | 30 | 285 | 35 | 45 | 25 | 25 | 30 | 20 | 0 | 300 | 290 | 270 | 285 | 300 | 315 | 320 | 270 | 230 | 230 | 265 | 14 | |
| 15 | 235 | [VA] | [VA] | 15 | 15 | 345 | [VA] | 30 | 30 | 30 | 20 | 30 | 30 | [VA] | 315 | 15 | [VA] | 315 | 25 | 15 | 155 | 120 | 190 | [VA] | 2 | |
| 16 | 265 | 275 | 120 | 300 | 350 | 345 | 270 | 355 | 55 | 50 | 35 | 15 | 55 | 345 | [VA] | 355 | 30 | 355 | 45 | 60 | 210 | 205 | 215 | 210 | [VA] | |
| 17 | 220 | 165 | [VA] | [VA] | 310 | 180 | 190 | 195 | 225 | 315 | 315 | 315 | 15 | 60 | 215 | 315 | 355 | 345 | 315 | 210 | 255 | 215 | 130 | 165 | [VA] | |
| 18 | 240 | 100 | 220 | 330 | 150 | 240 | 310 | 80 | 55 | 20 | 305 | 325 | 295 | 325 | 335 | 315 | 295 | 295 | 270 | 200 | 165 | 170 | 120 | 240 | 15 | |
| 19 | 215 | 245 | 245 | 300 | 60 | 130 | 60 | 60 | 350 | 5 | 40 | 330 | 290 | 290 | 195 | 185 | 145 | 150 | 200 | 205 | 185 | 280 | 250 | 155 | 12 | |
| 20 | 145 | 180 | 210 | 270 | [VA] | 215 | 125 | [VA] | 30 | 60 | 220 | 270 | 235 | 305 | 0 | 300 | 260 | 200 | 230 | 255 | 200 | 210 | 305 | [VA] | 10 | |
| 21 | [VA] | 120 | 320 | 260 | 230 | [VA] | [VA] | 35 | 60 | 25 | 250 | 255 | 285 | 310 | 285 | 290 | 10 | 25 | 5 | 350 | 5 | [VA] | [VA] | 240 | [VA] | |
| 22 | 235 | 225 | 35 | 325 | [VA] | [VA] | 30 | 35 | 55 | 60 | 65 | 15 | 20 | 25 | 120 | 320 | [VA] | 55 | 20 | 10 | 300 | 255 | 300 | 325 | 3 | |
| 23 | 235 | 320 | 325 | [VA] | [VA] | 335 | [VA] | 50 | 35 | 45 | 35 | 15 | 345 | 330 | 75 | 25 | 30 | 40 | 35 | 75 | 130 | 180 | 195 | 190 | 3 | |
| 24 | 265 | [VA] | 330 | [VA] | 355 | 35 | [VA] | 30 | 45 | [VA] | 210 | 35 | 295 | 315 | [VA] | 320 | 180 | 200 | 190 | 195 | 210 | 230 | 205 | 210 | 10 | |
| 25 | 215 | 205 | 210 | 205 | 205 | 210 | 215 | 220 | 220 | 285 | [VA] | 95 | 155 | 205 | 175 | 190 | 270 | 270 | 140 | 160 | 130 | 235 | 215 | [VA] | 10 | |
| 26 | 265 | 240 | [VA] | 270 | [VA] | [VA] | 240 | 25 | 70 | 45 | 320 | 345 | 15 | 300 | 270 | 205 | 165 | 150 | 130 | 150 | 170 | 200 | 215 | 210 | 13 | |
| 27 | 215 | 210 | 215 | 210 | 205 | 55 | [VA] | 300 | 275 | 265 | 320 | 260 | 285 | 330 | 20 | 340 | 5 | 310 | 320 | 300 | 230 | 240 | 260 | 55 | [VA] | |
| 28 | 190 | 0 | 90 | 250 | 10 | 300 | [VA] | 20 | 30 | 50 | 20 | 15 | 340 | 300 | 10 | 20 | 20 | 20 | 0 | 320 | 220 | 200 | 270 | 0 | [VA] | |
| 29 | 190 | 330 | 180 | 325 | [VA] | [VA] | 20 | 20 | 50 | 45 | 355 | 300 | 280 | 120 | 135 | 355 | 15 | 20 | 35 | 60 | [VA] | 90 | 55 | 65 | [VA] | |
| 30 | 20 | 30 | 0 | 230 | 225 | 245 | 275 | 255 | 15 | 30 | 35 | 15 | 345 | 320 | 335 | 335 | 15 | 15 | 305 | 285 | 235 | [VA] | 115 | 125 | 2 | |
| 31 | 110 | 245 | 305 | 285 | 355 | 125 | [VA] | 30 | 355 | 15 | 15 | 5 | 350 | 15 | 350 | 10 | 0 | 275 | 245 | 220 | 230 | 315 | 100 | 135 | [VA] | |
| PV | 11 | 10 | 11 | [VA] | 1 | [VA] | [VA] | 2 | [VA] | [VA] | 2 | 1 | 2 | 15 | 1 | 15 | 2 | 2 | 15 | [VA] | 10 | [VA] | 10 | [VA] | 2 | |

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

MAY,1976

AEROVIRONMENT INC.

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*                    *
*  PRELIMINARY DATA  *
*  AS OF 19/SEP/76   *
*                    *
**********************
*                    *
*    SUBJECT TO      *
*     REVISION       *
*                    *
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CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 6 | 5 | 3 | 3 | 2 | 2 | 3 | 5 | 8 | 11 | 13 | 14 | 16 | 17 | 18 | 19 | 19 | 19 | 19 | 16 | 15 | 14 | 13 | 13 | 11 | 19 |
| 2 | 12 | 11 | 8 | 7 | 5 | 4 | 5 | 7 | 11 | 14 | 17 | 18 | 20 | 21 | 21 | 21 | 21 | 21 | 20 | 18 | 16 | 15 | 13 | 11 | 14 | 21 |
| 3 | 10 | 9 | 8 | 8 | 6 | 6 | 6 | 8 | 11 | 15 | 17 | 19 | 22 | 23 | 23 | 23 | 23 | 23 | 22 | 21 | 19 | 19 | 18 | 18 | 16 | 23 |
| 4 | 17 | 16 | 15 | 15 | 14 | 14 | 15 | 17 | 18 | 20 | 20 | 20 | 21 | 15 | 20 | 21 | 21 | 19 | 18 | 17 | 16 | 15 | 14 | 14 | 17 | 21 |
| 5 | 12 | 11 | 10 | 9 | 8 | 8 | 8 | 10 | 13 | 16 | 17 | 19 | 19 | 20 | 20 | 20 | 19 | 15 | 17 | 16 | 15 | 15 | 14 | 12 | 14 | 20 |
| 6 | 10 | 9 | 8 | 8 | 9 | 8 | 9 | 9 | 10 | 11 | 7 | 10 | 8 | 8 | 10 | 12 | 13 | 12 | 12 | 11 | 10 | 9 | 9 | 9 | 10 | 13 |
| 7 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 10 | 14 | 12 | 12 | 14 | 14 | 15 | 16 | 16 | 15 | 13 | 12 | 11 | 10 | 9 | 8 | 11 | 16 |
| 8 | 9 | 9 | 8 | 8 | 8 | 7 | 7 | 7 | 8 | 9 | 10 | 10 | 12 | 13 | 14 | 11 | 9 | 10 | 10 | 10 | 10 | 9 | 10 | 10 | 10 | 14 |
| 9 | 10 | 9 | 9 | 9 | 9 | 8 | 9 | 10 | 11 | 13 | 14 | 16 | 17 | 18 | 19 | 19 | 19 | 18 | 17 | 14 | 12 | 12 | 12 | 10 | 13 | 19 |
| 10 | 10 | 9 | 8 | 8 | 7 | 7 | 7 | 9 | 11 | 14 | 15 | 16 | 18 | 19 | 19 | 20 | 20 | 20 | 20 | 18 | 18 | 17 | 15 | 14 | 14 | 20 |
| 11 | 13 | 12 | 13 | 11 | 11 | 11 | 12 | 14 | 15 | 17 | 21 | 22 | 18 | 20 | 21 | 21 | 21 | 20 | 19 | 18 | 16 | 15 | 13 | 12 | 16 | 22 |
| 12 | 11 | 10 | 8 | 7 | 5 | 6 | 6 | 8 | 11 | 12 | 13 | 14 | 15 | 15 | 17 | 17 | 18 | 19 | 19 | 17 | 16 | 14 | 12 | 11 | 13 | 19 |
| 13 | 10 | 9 | 7 | 7 | 6 | 2 | 7 | 9 | 13 | 16 | 18 | 19 | 20 | 21 | 22 | 23 | 23 | 23 | 23 | 22 | 20 | 18 | 17 | 15 | 15 | 23 |
| 14 | 15 | 12 | 11 | 11 | 9 | 9 | 10 | 12 | 15 | 19 | 22 | 25 | 26 | 28 | 29 | 29 | 29 | 29 | 28 | 26 | 24 | 22 | 22 | 22 | 20 | 29 |
| 15 | 21 | 20 | 17 | 15 | 13 | 11 | 11 | 12 | 12 | 13 | 14 | 15 | 16 | 16 | 16 | 16 | 15 | 14 | 13 | 12 | 10 | 10 | 9 | 9 | 14 | 21 |
| 16 | 6 | 7 | 6 | 6 | 5 | 5 | 6 | 7 | 9 | 10 | 12 | 13 | 15 | 16 | 17 | 18 | 18 | 19 | 18 | 16 | 14 | 14 | 12 | 10 | 12 | 19 |
| 17 | 10 | 9 | 8 | 7 | 6 | 6 | 7 | 10 | 13 | 16 | 19 | 21 | 23 | 25 | 26 | 27 | 27 | 26 | 26 | 23 | 23 | 22 | 21 | 19 | 18 | 27 |
| 18 | 18 | 16 | 14 | 13 | 12 | 12 | 12 | 15 | 18 | 22 | 24 | 25 | 27 | 27 | 27 | 27 | 26 | 26 | 26 | 25 | 24 | 23 | 22 | 20 | 21 | 27 |
| 19 | 20 | 19 | 19 | 20 | 18 | 18 | 18 | 19 | 20 | 22 | 22 | 22 | 21 | 19 | 19 | 20 | 20 | 21 | 20 | 20 | 19 | 18 | 17 | 17 | 20 | 22 |
| 20 | 16 | 16 | 16 | 15 | 15 | 15 | 15 | 15 | 16 | 17 | 19 | 19 | 17 | 18 | 19 | 20 | 20 | 20 | 19 | 18 | 17 | 16 | 16 | 15 | 17 | 20 |
| 21 | 14 | 14 | 14 | 14 | 13 | 13 | 13 | 14 | 16 | 16 | 15 | 15 | 13 | 13 | 14 | 14 | 14 | 14 | 13 | 12 | 12 | 12 | 11 | 11 | 14 | 16 |
| 22 | 10 | 10 | 11 | 11 | 10 | 10 | 10 | 10 | 12 | 14 | 15 | 17 | 13 | 13 | 14 | 15 | 14 | 12 | 12 | 12 | 11 | 11 | 11 | 11 | 12 | 17 |
| 23 | 11 | 10 | 9 | 9 | 9 | 9 | 9 | 10 | 12 | 13 | 15 | 16 | 18 | 19 | 20 | 21 | 21 | 20 | 20 | 19 | 17 | 16 | 16 | 14 | 15 | 21 |
| 24 | 14 | 13 | 12 | 12 | 12 | 11 | 12 | 13 | 14 | 16 | 18 | 18 | 19 | 20 | 20 | 20 | 17 | 16 | 15 | 15 | 14 | 13 | 13 | 12 | 15 | 20 |
| 25 | 11 | 10 | 9 | 8 | 8 | 7 | 7 | 10 | 13 | 16 | 18 | 20 | 19 | 18 | 19 | 13 | 15 | 16 | 17 | 15 | 14 | 14 | 12 | 12 | 13 | 20 |
| 26 | 10 | 10 | 8 | 8 | 7 | 7 | 8 | 11 | 14 | 15 | 17 | 18 | 19 | 20 | 21 | 21 | 22 | 21 | 21 | 19 | 17 | 17 | 15 | 13 | 15 | 22 |
| 27 | 12 | 11 | 11 | 9 | 9 | 8 | 10 | 12 | 15 | 18 | 20 | 22 | 23 | 25 | 25 | 25 | 26 | 26 | 26 | 24 | 22 | 20 | 18 | 16 | 18 | 26 |
| 28 | 15 | 14 | 14 | 13 | 13 | 12 | 13 | 14 | 18 | 21 | 22 | 22 | 24 | 26 | 27 | 27 | 28 | 27 | 26 | 25 | 23 | 21 | 20 | 19 | 20 | 28 |
| 29 | 18 | 16 | 15 | 14 | 13 | 14 | 13 | 14 | 17 | 19 | 21 | 22 | 23 | 24 | 24 | 20 | 20 | 20 | 20 | 19 | 18 | 16 | 15 | 14 | 18 | 24 |
| 30 | 13 | 12 | 11 | 11 | 10 | 9 | 10 | 13 | 15 | 15 | 17 | 19 | 20 | 20 | 21 | 21 | 17 | 16 | 15 | 15 | 14 | 13 | 12 | 11 | 15 | 21 |
| 31 | 11 | 10 | 9 | 9 | 8 | 8 | 8 | 11 | 14 | 16 | 19 | 22 | 23 | 24 | 24 | 26 | 26 | 25 | 24 | 23 | 22 | 20 | 18 | 17 | 17 | 26 |
| AV | 12 | 12 | 11 | 10 | 9 | 9 | 10 | 11 | 13 | 15 | 17 | 18 | 19 | 19 | 20 | 20 | 20 | 19 | 19 | 18 | 16 | 15 | 14 | 14 | 15 | [ ] |
| SD | 4 | 3 | 4 | 3 | 3 | 4 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 5 | 4 | 4 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 3 | 3 | [ ] |

OUTPT [VERSION N 28 JUL 76]

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JUNE,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 15 | 15 | 13 | 12 | 12 | 11 | 13 | 14 | 18 | 21 | 25 | 25 | 26 | 27 | 28 | 28 | 28 | 28 | 27 | 26 | 24 | 22 | 21 | 20 | 21 | 28 |
| 2 | 17 | 16 | 16 | 14 | 12 | 12 | 14 | 15 | 19 | 22 | 25 | 26 | 26 | 28 | 29 | 29 | 29 | 29 | 28 | 27 | 25 | 23 | 22 | 21 | 22 | 29 |
| 3 | 21 | 17 | 17 | 17 | 15 | 15 | 16 | 18 | 21 | 26 | 27 | 27 | 22 | 27 | 27 | 28 | 29 | 28 | 28 | 26 | 24 | 23 | 21 | 21 | 23 | 29 |
| 4 | 20 | 19 | 17 | 15 | 14 | 13 | 14 | 17 | 19 | 22 | 26 | 27 | 27 | 28 | 28 | 29 | 28 | 28 | 27 | 26 | 24 | 22 | 21 | 19 | 22 | 29 |
| 5 | 18 | 17 | 14 | 13 | 13 | 11 | 13 | 15 | 19 | 22 | 24 | 27 | 28 | 29 | 29 | 29 | 29 | 29 | 29 | 27 | 25 | 23 | 22 | 20 | 22 | 29 |
| 6 | 18 | 17 | 16 | 15 | 14 | 14 | 15 | 17 | 20 | 25 | 27 | 28 | 27 | 28 | 29 | 29 | 29 | 29 | 27 | 24 | 23 | 22 | 22 | 21 | 22 | 29 |
| 7 | 21 | 20 | 18 | 16 | 16 | 15 | 17 | 19 | 23 | 25 | 26 | 27 | 27 | 28 | 29 | 28 | 28 | 28 | 27 | 26 | 25 | 24 | 23 | 22 | 23 | 29 |
| 8 | 21 | 19 | 17 | 17 | 16 | 16 | 16 | 19 | 25 | 27 | 28 | 28 | 28 | 27 | 28 | 22 | 29 | 29 | 29 | 27 | 26 | 24 | 24 | 23 | 24 | 29 |
| 9 | 22 | 20 | 18 | 17 | 16 | 15 | 15 | 18 | 21 | 24 | 26 | 28 | 28 | 29 | 29 | 30 | 29 | 29 | 28 | 27 | 25 | 23 | 22 | 20 | 23 | 30 |
| 10 | 18 | 17 | 16 | 14 | 17 | 19 | 21 | 23 | 24 | 25 | 26 | 27 | 27 | 29 | 29 | 30 | 30 | 29 | 27 | 26 | 22 | 18 | 16 | 15 | 23 | 30 |
| 11 | 14 | 14 | 13 | 13 | 12 | 13 | 14 | 14 | 16 | 17 | 17 | 18 | 18 | 17 | 19 | 19 | 19 | 14 | 14 | 13 | 11 | 11 | 11 | 11 | 15 | 19 |
| 12 | 11 | 11 | 10 | 10 | 9 | 8 | 10 | 13 | 14 | 16 | 17 | 18 | 18 | 20 | 20 | 20 | 20 | 21 | 21 | 20 | 19 | 18 | 17 | 17 | 16 | 21 |
| 13 | 16 | 15 | 15 | 15 | 14 | 14 | 14 | 15 | 17 | 18 | 18 | 18 | 18 | 18 | 19 | 17 | 15 | 13 | 8 | 7 | 6 | 5 | 4 | 4 | 13 | 19 |
| 14 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 7 | 8 | 10 | 11 | 12 | 13 | 14 | 16 | 16 | 17 | 17 | 16 | 14 | 13 | 12 | 11 | 10 | 10 | 17 |
| 15 | 9 | 8 | 7 | 6 | 6 | 5 | 6 | 8 | 11 | 13 | 15 | 17 | 18 | 20 | 21 | 22 | 23 | 23 | 23 | 22 | 20 | 18 | 18 | 17 | 15 | 23 |
| 16 | 17 | 18 | 18 | 17 | 16 | 15 | 16 | 19 | 20 | 19 | 19 | 20 | 20 | 22 | 22 | 22 | 21 | 20 | 19 | 19 | 17 | 14 | 12 | 12 | 18 | 22 |
| 17 | 11 | 10 | 10 | 10 | 10 | 10 | 10 | 12 | 13 | 14 | 16 | 18 | 18 | 18 | 18 | 17 | 15 | 16 | 15 | 15 | 14 | 12 | 12 | 11 | 14 | 18 |
| 18 | 10 | 9 | 9 | 8 | 7 | 7 | 8 | 10 | 13 | 15 | 17 | 19 | 21 | 21 | 22 | 23 | 23 | 23 | 23 | 21 | 19 | 17 | 16 | 15 | 16 | 23 |
| 19 | 14 | 13 | 12 | 10 | 10 | 9 | 10 | 13 | 15 | 17 | 20 | 22 | 24 | 26 | 27 | 28 | 28 | 29 | 29 | 27 | 25 | 23 | 21 | 20 | 20 | 29 |
| 20 | 19 | 17 | 17 | 15 | 14 | 13 | 15 | 18 | 20 | 24 | 27 | 30 | 31 | 32 | 33 | 33 | 31 | 31 | 32 | 30 | 29 | 28 | 26 | 24 | 25 | 33 |
| 21 | 23 | 22 | 20 | 20 | 20 | 19 | 19 | 20 | 24 | 27 | 29 | 30 | 31 | 32 | 32 | 32 | 32 | 32 | 31 | 30 | 29 | 27 | 26 | 25 | 26 | 32 |
| 22 | 24 | 23 | 23 | 23 | 20 | 16 | 15 | 15 | 16 | 18 | 18 | 12 | 14 | 18 | 19 | 19 | 19 | 15 | 14 | 14 | 14 | 13 | 13 | 12 | 17 | 24 |
| 23 | 12 | 12 | 11 | 12 | 11 | 12 | 12 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 21 | 21 | 19 | 18 | 17 | 15 | 14 | 13 | 16 | 22 |
| 24 | 12 | 11 | 9 | 9 | 7 | 7 | 8 | 10 | 14 | 16 | 17 | 18 | 20 | 21 | 22 | 23 | 24 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 16 | 24 |
| 25 | 16 | 14 | 14 | 11 | 11 | 10 | 11 | 14 | 18 | 21 | 24 | 25 | 25 | 26 | 27 | 27 | 27 | 28 | 28 | 27 | 26 | 25 | 22 | 21 | 21 | 28 |
| 26 | 21 | 19 | 20 | 19 | 18 | 17 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 25 | 26 | 27 | 27 | 27 | 27 | 26 | 24 | 24 | 23 | 20 | 22 | 27 |
| 27 | 17 | 16 | 14 | 14 | 12 | 12 | 13 | 15 | 18 | 21 | 24 | 26 | 29 | 31 | 32 | 33 | 33 | 33 | 32 | 31 | 29 | 29 | 27 | 23 | 24 | 33 |
| 28 | 20 | 18 | 18 | 16 | 15 | 15 | 15 | 17 | 21 | 23 | 26 | 29 | 30 | 32 | 33 | 33 | 34 | 33 | 33 | 31 | 28 | 25 | 24 | 22 | 25 | 34 |
| 29 | 23 | 20 | 18 | 17 | 16 | 15 | 16 | 18 | 22 | 25 | 28 | 30 | 32 | 33 | 33 | 33 | 34 | 34 | 34 | 31 | 30 | 28 | 27 | 26 | 26 | 34 |
| 30 | 25 | 25 | 24 | 24 | 23 | 22 | 24 | 26 | 28 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 25 | 24 | 21 | 21 | 21 | 22 | 21 | 20 | 25 | 30 |
| 31 | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] |
| AV | 17 | 16 | 15 | 14 | 13 | 13 | 14 | 16 | 18 | 21 | 22 | 23 | 24 | 25 | 26 | 26 | 26 | 25 | 25 | 23 | 22 | 20 | 19 | 18 | 20 | [ ] |
| 80 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 5 | 5 | 4 | [ ] |

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JULY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 21 | 20 | 20 | 19 | 19 | 19 | 20 | 22 | 24 | 26 | 28 | 28 | 28 | 29 | 30 | 31 | 31 | 30 | 30 | 29 | 28 | 25 | 24 | 23 | 25 | 31 |
| 2 | 21 | 20 | 21 | 20 | 19 | 18 | 18 | 19 | 20 | 23 | 25 | 26 | 29 | 29 | 31 | 31 | 31 | 30 | 30 | 29 | 28 | 26 | 25 | 23 | 25 | 31 |
| 3 | 22 | 20 | 18 | 12 | 16 | 16 | 17 | 18 | 20 | 23 | 24 | 26 | 29 | 30 | 31 | 31 | 32 | 32 | 32 | 31 | 29 | 26 | 24 | 23 | 24 | 32 |
| 4 | 20 | 20 | 18 | 17 | 14 | 15 | 16 | 19 | 22 | 25 | 28 | 30 | 32 | 33 | 34 | 35 | 35 | 34 | 33 | 30 | 29 | 28 | 25 | 23 | 26 | 35 |
| 5 | 21 | 20 | 19 | 17 | 16 | 16 | 17 | 20 | 23 | 26 | 29 | 31 | 32 | 34 | 34 | 35 | 35 | 34 | 34 | 32 | 29 | 28 | 27 | 25 | 26 | 35 |
| 6 | 25 | 23 | 22 | 21 | 20 | 19 | 19 | 20 | 23 | 27 | 29 | 31 | 32 | 34 | 34 | 35 | 34 | 33 | 32 | 30 | 30 | 29 | 26 | 25 | 27 | 35 |
| 7 | 24 | 24 | 24 | 23 | 21 | 20 | 22 | 24 | 26 | 30 | 31 | 32 | 32 | 31 | 30 | 31 | 32 | 31 | 30 | 30 | 29 | 28 | 26 | 26 | 27 | 32 |
| 8 | 25 | 24 | 23 | 22 | 20 | 20 | 20 | 23 | 25 | 29 | 30 | 32 | 33 | 34 | 35 | 35 | 35 | 35 | 34 | 33 | 32 | 30 | 29 | 28 | 29 | 35 |
| 9 | 28 | 26 | 25 | 26 | 26 | 26 | 25 | 28 | 30 | 32 | 33 | 34 | 35 | 36 | 36 | 36 | 36 | 36 | 36 | 34 | 33 | 30 | 29 | 29 | 31 | 36 |
| 10 | 29 | 28 | 25 | 25 | 24 | 24 | 24 | 25 | 27 | 30 | 32 | 33 | 35 | 36 | 36 | 35 | 34 | 34 | 33 | 32 | 31 | 29 | 27 | 26 | 30 | 36 |
| 11 | 25 | 24 | 23 | 21 | 20 | 19 | 20 | 23 | 25 | 28 | 29 | 31 | 33 | 34 | 34 | 33 | 33 | 33 | 31 | 30 | 29 | 28 | 26 | 26 | 27 | 34 |
| 12 | 25 | 26 | 25 | 25 | 25 | 25 | 25 | 26 | 28 | 28 | 29 | 30 | 28 | 28 | 28 | 26 | 26 | 27 | 27 | 26 | 25 | 24 | 24 | 24 | 26 | 30 |
| 13 | 23 | 22 | 20 | 19 | 18 | 18 | 19 | 20 | 23 | 24 | 26 | 28 | 29 | 30 | 31 | 31 | 31 | 31 | 30 | 29 | 28 | 27 | 27 | 25 | 25 | 31 |
| 14 | 23 | 22 | 20 | 19 | 17 | 18 | 17 | 20 | 24 | 25 | 29 | 30 | 31 | 31 | 30 | 29 | 30 | 30 | 29 | 29 | 28 | 26 | 24 | 24 | 25 | 31 |
| 15 | 23 | 20 | 19 | 18 | 17 | 16 | 17 | 20 | 22 | 24 | 27 | 29 | 30 | 31 | 31 | 32 | 32 | 33 | 32 | 31 | 28 | 28 | 25 | 24 | 25 | 33 |
| 16 | 22 | 22 | 20 | 19 | 14 | 17 | 16 | 16 | 17 | 20 | 25 | 28 | 30 | 31 | 33 | 33 | 34 | 34 | 34 | 33 | 32 | 30 | 29 | 29 | 26 | 34 |
| 17 | 28 | 27 | 25 | 25 | 24 | 23 | 22 | 23 | 25 | 28 | 29 | 30 | 30 | 31 | 31 | 32 | 31 | 30 | 27 | 24 | 22 | 21 | 18 | 18 | 26 | 32 |
| 18 | 18 | 17 | 17 | 17 | 16 | 16 | 17 | 18 | 19 | 20 | 21 | 20 | 22 | 24 | 23 | 23 | 21 | 20 | 21 | 20 | 20 | 21 | 18 | 18 | 19 | 24 |
| 19 | 19 | 19 | 18 | 18 | 17 | 17 | 17 | 19 | 20 | 22 | 24 | 25 | 26 | 28 | 26 | 27 | 27 | 27 | 25 | 21 | 22 | 21 | 18 | 18 | 22 | 28 |
| 20 | 18 | 17 | 16 | 16 | 15 | 15 | 16 | 18 | 20 | 21 | 23 | 25 | 26 | 27 | 28 | 23 | 22 | 23 | 24 | 23 | 22 | 22 | 20 | 19 | 21 | 28 |
| 21 | 17 | 17 | 16 | 15 | 14 | 14 | 15 | 17 | 20 | 23 | 25 | 27 | 29 | 29 | 30 | 30 | 30 | 30 | 29 | 28 | 26 | 25 | 24 | 23 | 23 | 30 |
| 22 | 21 | 20 | 18 | 17 | 17 | 16 | 17 | 19 | 22 | 25 | 26 | 29 | 30 | 31 | 32 | 33 | 32 | 31 | 31 | 30 | 29 | 28 | 26 | 24 | 25 | 33 |
| 23 | 22 | 21 | 20 | 18 | 17 | 16 | 17 | 20 | 24 | 26 | 29 | 30 | 32 | 33 | 34 | 34 | 34 | 33 | 33 | 31 | 30 | 29 | 28 | 25 | 26 | 34 |
| 24 | 24 | 23 | 22 | 22 | 20 | 20 | 20 | 22 | 25 | 28 | 29 | 30 | 31 | 31 | 32 | 33 | 32 | 31 | 31 | 30 | 29 | 28 | 27 | 26 | 27 | 33 |
| 25 | 25 | 24 | 24 | 24 | 23 | 23 | 23 | 25 | 26 | 26 | 27 | 29 | 29 | 26 | 26 | 23 | 20 | 20 | 20 | 19 | 19 | 20 | 19 | 19 | 23 | 29 |
| 26 | 19 | 18 | 17 | 17 | 17 | 16 | 17 | 17 | 19 | 20 | 22 | 23 | 25 | 26 | 28 | 27 | 28 | 28 | 28 | 27 | 26 | 24 | 24 | 24 | 22 | 28 |
| 27 | 22 | 20 | 20 | 20 | 22 | 17 | 19 | 21 | 21 | 23 | 25 | 28 | 30 | 30 | 31 | 31 | 32 | 31 | 30 | 29 | 28 | 26 | 25 | 23 | 25 | 32 |
| 28 | 23 | 20 | 19 | 19 | 18 | 17 | 17 | 20 | 22 | 25 | 29 | 31 | 32 | 33 | 31 | 31 | 31 | 31 | 30 | 29 | 28 | 26 | 25 | 24 | 25 | 33 |
| 29 | 24 | 23 | 21 | 20 | 20 | 19 | 20 | 22 | 24 | 28 | 28 | 30 | 31 | 29 | 30 | 30 | 31 | 31 | 30 | 30 | 28 | 28 | 27 | 27 | 26 | 31 |
| 30 | 25 | 25 | 25 | 23 | 21 | 21 | 20 | 22 | 21 | 24 | 26 | 29 | 30 | 30 | 31 | 32 | 32 | 31 | 29 | 27 | 25 | 25 | 23 | 22 | 26 | 32 |
| 31 | 21 | 21 | 20 | 19 | 19 | 18 | 18 | 20 | 20 | 23 | 24 | 26 | 27 | 29 | 29 | 29 | 29 | 25 | 24 | 25 | 22 | 19 | 18 | 18 | 23 | 29 |
| AV | 23 | 22 | 21 | 20 | 19 | 19 | 19 | 21 | 23 | 25 | 27 | 29 | 30 | 31 | 31 | 31 | 31 | 30 | 30 | 28 | 27 | 26 | 24 | 24 | 25 | [ ] |
| SD | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 2 | [ ] |

OUTPT [VERSION N 28 JUL 76]

DELTA T (30M-10M)
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

MAY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | .4 | .5 | .5 | .6 | .2 | .1 | -.4 | -.5 | -.7 | -.9 | -1.1 | -.9 | -.6 | -.7 | -.8 | -.7 | -.6 | -.5 | -.3 | 1.7 | .4 | -.1 | -.2 | -.2 | -.2 | 1.7 |
| 2 | .0 | .5 | 1.4 | .6 | .7 | .4 | -.2 | -.3 | -.6 | -.9 | -1.0 | -.8 | -.7 | -.6 | -.6 | -.6 | -.5 | -.4 | .0 | 1.2 | 2.1 | 1.3 | .6 | 1.3 | .1 | 2.1 |
| 3 | .9 | .5 | .7 | .7 | .8 | .2 | .4 | -.3 | -.6 | -.9 | -1.0 | -.8 | -.5 | -.5 | -.6 | -.5 | -.4 | -.4 | -.3 | .1 | .1 | -.2 | .1 | -.2 | -.1 | .9 |
| 4 | -.2 | .0 | .0 | .0 | -.1 | -.1 | -.2 | -.2 | -.5 | -.8 | -.8 | -.7 | -.6 | -.8 | -.7 | -.6 | -.5 | -.5 | -.4 | -.3 | .0 | -.2 | .0 | -.1 | -.3 | .0 |
| 5 | .2 | .2 | .2 | .5 | .6 | .8 | .0 | -.2 | -.6 | -.9 | -.9 | -.8 | -.6 | -.7 | -.7 | -.6 | -.5 | -.5 | -.4 | -.2 | .1 | -.3 | -.3 | -.4 | -.2 | .8 |
| 6 | -.5 | -.3 | -.3 | -.3 | -.3 | -.2 | -.2 | -.3 | -.7 | -.9 | -.9 | -.8 | -.7 | -.8 | -.9 | -.7 | -.7 | -.6 | -.5 | -.3 | -.3 | -.3 | -.2 | -.3 | -.5 | -.2 |
| 7 | -.2 | -.1 | -.2 | -.3 | -.2 | -.2 | -.3 | -.3 | -.6 | -.9 | -1.0 | -.8 | -.8 | -.7 | -.8 | -.7 | -.6 | -.6 | -.5 | -.5 | -.2 | -.2 | .1 | .1 | -.4 | .1 |
| 8 | -.3 | -.3 | -.3 | -.3 | -.3 | -.2 | -.3 | -.4 | -.6 | -.8 | -.9 | -.8 | -.6 | -.5 | -.6 | -.3 | -.3 | -.4 | -.3 | -.2 | .0 | .2 | -.1 | -.2 | -.4 | .2 |
| 9 | -.2 | -.1 | .0 | -.1 | -.1 | .0 | .0 | -.2 | -.5 | -.8 | -.9 | -.6 | -.4 | -.4 | -.4 | -.3 | -.2 | -.2 | -.1 | -.1 | -.1 | -.1 | .0 | .5 | -.2 | .5 |
| 10 | .4 | .7 | .8 | .3 | .0 | .2 | -.3 | -.3 | -.5 | -.7 | -.7 | -.6 | -.4 | -.3 | -.3 | -.2 | -.2 | -.2 | .0 | 1.4 | 1.0 | .4 | .4 | .3 | .1 | 1.4 |
| 11 | .6 | .8 | .4 | 2.0 | 1.7 | 1.1 | .0 | .1 | -.3 | -.5 | -.5 | -.3 | -.2 | -.3 | -.3 | -.1 | -.1 | -.1 | -.1 | -.1 | -.1 | -.1 | -.1 | -.1 | .1 | 2.0 |
| 12 | -.1 | .1 | 1.3 | .8 | .5 | 1.2 | .4 | -.2 | -.6 | -.8 | -.7 | -.6 | -.4 | -.4 | -.5 | -.4 | -.3 | -.3 | -.1 | .8 | .7 | 1.7 | 1.2 | 1.0 | .2 | 1.7 |
| 13 | .8 | .9 | .7 | .8 | .2 | .4 | -.1 | -.3 | -.5 | -.8 | -.7 | -.5 | -.3 | -.3 | -.3 | -.3 | -.2 | -.1 | .2 | .4 | 1.5 | .8 | .5 | 1.1 | .2 | 1.5 |
| 14 | 1.0 | 1.4 | .8 | .7 | .8 | 1.0 | -.1 | -.1 | -.3 | -.6 | -.6 | -.4 | -.2 | -.2 | -.1 | .0 | .0 | .1 | .2 | .6 | .5 | .4 | .4 | .4 | .2 | 1.4 |
| 15 | .2 | .2 | .3 | .2 | .1 | .0 | -.1 | -.2 | -.4 | -.6 | -.6 | -.5 | -.4 | -.3 | -.5 | -.4 | -.4 | -.3 | -.3 | -.3 | -.2 | -.2 | -.2 | -.3 | -.2 | .3 |
| 16 | -.3 | -.2 | -.1 | -.1 | .0 | -.3 | -.5 | -.5 | -.6 | -.9 | -1.0 | -.9 | -.9 | -.9 | -.9 | -.8 | -.8 | -.8 | -.4 | .8 | 2.1 | 1.1 | .4 | .5 | -.2 | 2.1 |
| 17 | .4 | .1 | .3 | .0 | .5 | -.2 | -.5 | -.7 | -.8 | -.9 | -1.1 | -.9 | -.7 | -.7 | -.7 | -.7 | -.5 | -.6 | -.2 | 1.1 | .5 | -.1 | .0 | .6 | -.2 | 1.1 |
| 18 | .7 | 1.1 | 1.2 | 1.3 | .7 | .6 | .0 | -.3 | -.5 | -1.0 | -.9 | -.7 | -.6 | -.5 | -.6 | -.5 | -.5 | -.5 | -.3 | -.3 | -.2 | -.2 | -.2 | .0 | -.1 | 1.3 |
| 19 | .0 | .1 | .1 | .0 | -.1 | .0 | -.1 | -.3 | -.5 | -.8 | -.8 | -.7 | -.5 | -.6 | -.6 | -.4 | -.3 | -.3 | -.3 | -.3 | -.3 | -.2 | -.3 | -.1 | -.3 | .1 |
| 20 | -.1 | .1 | .0 | .0 | -.1 | -.2 | -.3 | -.3 | -.6 | -.8 | -.8 | -.7 | -.2 | -.6 | -.7 | -.6 | -.6 | -.6 | -.3 | -.3 | -.1 | -.1 | -.3 | -.2 | -.4 | .1 |
| 21 | -.3 | -.2 | -.1 | -.1 | -.2 | -.1 | -.3 | -.4 | -.6 | -.8 | -.9 | -.8 | -.6 | -.7 | -.8 | -.7 | -.7 | -.6 | -.4 | -.4 | -.5 | -.5 | -.5 | -.5 | -.5 | -.1 |
| 22 | -.4 | -.1 | -.5 | -.1 | .0 | .1 | .4 | -.5 | -.6 | -.9 | -.9 | -.7 | -.3 | -.4 | -.5 | -.5 | -.7 | -.7 | -.6 | -.5 | -.1 | -.3 | -.3 | -.3 | -.4 | .4 |
| 23 | -.4 | -.3 | -.3 | -.4 | -.3 | -.3 | -.5 | -.6 | -.9 | -1.0 | -.9 | -.9 | -.9 | -.8 | -.8 | -.7 | -.7 | -.6 | -.4 | -.3 | -.1 | -.1 | -.3 | -.3 | -.5 | -.1 |
| 24 | -.1 | .0 | .0 | -.1 | -.2 | .1 | -.3 | -.5 | -.7 | -.9 | -1.0 | -.8 | -.7 | -.6 | -.7 | -.6 | -.3 | -.5 | -.3 | .2 | .0 | .0 | .1 | .1 | -.3 | .2 |
| 25 | .1 | .2 | .3 | .2 | .4 | .4 | -.2 | -.7 | -.8 | -1.1 | -1.1 | -.8 | -.7 | -.7 | -.7 | -.7 | -.7 | -.8 | -.6 | -.4 | -.1 | .0 | .1 | .2 | -.3 | .4 |
| 26 | .0 | .5 | .3 | .2 | .1 | -.3 | -.6 | -.6 | -.8 | -1.0 | -1.1 | -1.0 | -.9 | -.8 | -.8 | -.8 | -.7 | -.6 | -.4 | .5 | 1.0 | .6 | .4 | .3 | -.3 | 1.0 |
| 27 | .4 | .7 | .7 | .4 | .1 | -.1 | -.7 | -.4 | -.8 | -1.0 | -1.1 | -.9 | -.6 | -.6 | -.8 | -.6 | -.6 | -.5 | -.4 | .1 | .6 | .5 | .3 | 1.1 | -.2 | 1.1 |
| 28 | 1.1 | 1.7 | .4 | .9 | .7 | .7 | -.2 | -.1 | -.5 | -.8 | -.8 | -.6 | -.7 | -.5 | -.7 | -.5 | -.5 | -.4 | -.3 | -.2 | .0 | .1 | .1 | .1 | .0 | 1.7 |
| 29 | .4 | .7 | 1.0 | 1.4 | .5 | .6 | 1.3 | -.4 | -.6 | -.9 | -1.0 | -.9 | -.8 | -.7 | -.7 | -.6 | -.6 | -.6 | -.5 | -.4 | -.3 | -.4 | -.3 | .0 | -.2 | 1.4 |
| 30 | .4 | .6 | .5 | -.1 | .1 | -.1 | -.4 | -.5 | -.6 | -.8 | -1.0 | -.9 | -.7 | -.6 | -.7 | -.6 | -.4 | -.4 | -.4 | -.4 | -.2 | .0 | .3 | .2 | -.3 | .6 |
| 31 | .4 | 1.3 | .3 | .4 | .2 | .1 | -.5 | -.6 | -.7 | -.9 | -1.1 | -.8 | -.6 | -.6 | -.6 | -.5 | -.5 | -.5 | -.2 | 1.0 | 1.0 | .7 | .7 | .6 | -.1 | 1.3 |
| AV | .2 | .4 | .3 | .3 | .2 | .2 | -.2 | -.4 | -.6 | -.8 | -.9 | -.7 | -.6 | -.6 | -.6 | -.5 | -.5 | -.5 | -.3 | .1 | .3 | .1 | .1 | .2 | -.2 | [ ] |
| SD | .4 | .5 | .5 | .6 | .4 | .4 | .4 | .2 | .1 | .1 | .2 | .2 | .2 | .2 | .2 | .2 | .2 | .2 | .2 | .6 | .7 | .5 | .4 | .5 | .2 | [ ] |

OUTPT [VERSION N 28 JUL 76]

DELTA T (30M-10M)
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JUNE,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 24/SEP/76 *
**********
* SUBJECT TO *
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**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | .6 | 1.7 | 1.7 | 1.4 | 1.0 | .4 | .6 | -.2 | -.4 | -.9 | -.9 | -.8 | -.7 | -.6 | -.6 | -.5 | -.4 | -.4 | -.3 | .0 | .3 | .2 | .3 | .2 | .1 | 1.7 |
| 2 | 1.4 | 1.5 | .7 | .9 | 1.2 | 1.1 | .2 | .0 | -.5 | -.9 | -.8 | -.5 | -.4 | -.5 | -.6 | -.4 | -.4 | -.3 | -.2 | -.1 | .1 | .3 | .3 | .6 | .1 | 1.5 |
| 3 | .7 | .8 | .9 | .8 | .9 | .6 | .0 | -.2 | -.5 | -.7 | -.8 | -.7 | -.5 | -.4 | -.5 | -.5 | -.4 | -.3 | -.2 | -.1 | .3 | .4 | .3 | .2 | .0 | .9 |
| 4 | .1 | .3 | .8 | 1.3 | .9 | .8 | .2 | -.2 | -.5 | -.8 | -.8 | -.7 | -.6 | -.6 | -.5 | -.5 | -.3 | -.3 | -.2 | -.1 | .3 | .3 | .4 | .7 | .0 | 1.3 |
| 5 | .7 | 1.1 | 1.2 | .9 | .6 | .5 | .3 | -.1 | -.5 | -.7 | -.8 | -.7 | -.5 | -.5 | -.4 | -.4 | -.3 | -.3 | -.2 | -.1 | .3 | .3 | .3 | .9 | .1 | 1.2 |
| 6 | .5 | 1.5 | 1.3 | 1.1 | 1.0 | .6 | .2 | -.2 | -.5 | -.7 | -.8 | -.5 | -.4 | -.5 | -.6 | -.4 | -.3 | -.3 | -.2 | -.1 | .0 | .0 | .0 | .0 | .0 | 1.5 |
| 7 | .0 | .6 | 1.7 | 1.7 | 1.4 | 1.2 | .4 | .5 | -.3 | -.6 | -.7 | -.4 | -.3 | -.2 | -.4 | -.2 | -.2 | -.3 | -.1 | .1 | .3 | .1 | .0 | .4 | .2 | 1.7 |
| 8 | .7 | 1.4 | .8 | 1.0 | .8 | .6 | .2 | .3 | -.2 | -.6 | -.6 | -.6 | -.5 | -.4 | -.3 | -.3 | -.2 | -.2 | -.1 | -.1 | .1 | .3 | .2 | .2 | .1 | 1.4 |
| 9 | .6 | .6 | .7 | 1.0 | .9 | 1.1 | .4 | -.1 | -.3 | -.6 | -.8 | -.7 | -.5 | -.4 | -.5 | -.3 | -.2 | -.2 | -.1 | .1 | .4 | .4 | .7 | 1.0 | .1 | 1.1 |
| 10 | .7 | 1.1 | 1.2 | .5 | 1.4 | .4 | .1 | .0 | -.2 | -.7 | -.8 | -.6 | -.5 | -.6 | -.7 | -.8 | -1.0 | -.5 | -.2 | -.1 | .0 | -.1 | -.1 | .5 | .0 | 1.4 |
| 11 | .6 | .3 | 1.0 | .6 | .4 | .1 | -.1 | -.2 | -.3 | -.8 | -.8 | -.8 | -.6 | -.4 | -.6 | -.4 | -.3 | -.3 | -.2 | -.2 | -.2 | -.2 | -.1 | -.2 | -.2 | 1.0 |
| 12 | -.1 | .0 | .1 | .1 | .5 | .7 | -.1 | -.1 | -.3 | -.6 | -.9 | -.6 | -.5 | -.4 | -.5 | -.4 | -.3 | -.4 | -.3 | -.2 | -.1 | -.1 | -.1 | -.1 | -.2 | .7 |
| 13 | .0 | .1 | .0 | .0 | .1 | .2 | .0 | -.1 | -.4 | -.6 | -.7 | -.6 | -.5 | -.5 | -.5 | -.4 | -.4 | -.5 | -.4 | -.5 | -.5 | -.5 | -.5 | -.8 | -.5 | .2 |
| 14 | -.6 | -.5 | -.6 | -.5 | -.5 | -.6 | -.8 | -.7 | -.8 | -1.1 | -1.1 | -.8 | -.7 | -.7 | -.8 | -.5 | -.5 | -.4 | -.3 | -.3 | -.2 | -.1 | .6 | .6 | -.5 | .6 |
| 15 | .5 | .0 | .1 | .1 | -.1 | -.3 | -.6 | -.5 | -.7 | -1.0 | -1.0 | -.7 | -.6 | -.6 | -.6 | -.5 | -.3 | -.4 | -.2 | -.2 | .0 | .0 | .0 | -.1 | -.3 | .5 |
| 16 | .0 | .0 | .2 | .5 | .6 | 1.1 | .0 | .0 | -.2 | -.4 | -.5 | -.4 | -.4 | -.4 | -.5 | -.4 | -.4 | -.4 | -.3 | -.2 | -.2 | -.1 | -.1 | -.3 | -.1 | 1.1 |
| 17 | -.2 | .0 | .2 | .1 | .1 | .1 | -.4 | -.3 | -.5 | -.7 | -.9 | -.6 | -.5 | -.7 | -.6 | -.4 | -.3 | -.4 | -.3 | -.1 | .4 | .3 | -.2 | .1 | -.2 | .4 |
| 18 | -.1 | .7 | .2 | .1 | -.1 | .0 | -.5 | -.5 | -.7 | -.9 | -.9 | -.8 | -.4 | -.5 | -.5 | -.4 | -.4 | -.3 | -.2 | -.2 | -.1 | .0 | .3 | .9 | -.2 | .9 |
| 19 | 1.1 | .1 | .6 | .5 | .5 | -.1 | -.3 | -.3 | -.5 | -.6 | -.9 | -.5 | -.4 | -.4 | -.5 | -.4 | -.3 | -.3 | -.1 | 1.0 | .8 | 1.3 | 1.5 | 1.5 | .1 | 1.5 |
| 20 | 1.6 | 1.6 | 1.0 | 1.4 | .7 | 1.0 | .2 | .0 | -.3 | -.7 | -.8 | -.7 | -.3 | -.3 | -.5 | -.2 | -.2 | -.2 | -.1 | .0 | .2 | .1 | .3 | .4 | .2 | 1.6 |
| 21 | .5 | .5 | 1.0 | .8 | .7 | 1.4 | 2.2 | 1.1 | -.2 | -.5 | -.7 | -.5 | -.4 | -.4 | -.4 | -.3 | -.3 | -.2 | -.1 | .0 | .1 | .1 | .1 | .1 | .2 | 2.2 |
| 22 | .2 | .1 | .1 | .0 | .0 | .1 | .1 | .1 | -.1 | -.6 | -.6 | .0 | -.2 | -.6 | -.6 | -.5 | -.5 | -.5 | -.4 | -.3 | -.2 | -.2 | -.2 | -.1 | -.2 | .2 |
| 23 | .4 | .4 | -.2 | -.2 | .1 | -.1 | .3 | -.5 | -.6 | -.9 | -.9 | -.7 | -.5 | -.5 | -.6 | -.5 | -.4 | -.4 | -.4 | -.3 | -.3 | -.2 | .4 | .3 | -.3 | .4 |
| 24 | .0 | .7 | .5 | .2 | .3 | .1 | -.5 | -.6 | -.7 | -1.0 | -1.0 | -.7 | -.6 | -.5 | -.6 | -.5 | -.5 | -.4 | -.3 | -.2 | -.1 | -.1 | .0 | .2 | -.3 | .7 |
| 25 | .0 | .4 | .7 | .8 | .9 | .4 | .0 | -.3 | -.6 | -.8 | -.9 | -.6 | -.5 | -.5 | -.6 | -.4 | -.4 | -.3 | -.2 | -.2 | -.1 | .1 | .2 | .1 | -.1 | .9 |
| 26 | .4 | .9 | .4 | .0 | .0 | -.2 | -.2 | -.2 | -.5 | -.8 | -1.0 | -.8 | -.6 | -.6 | -.4 | -.6 | -.6 | -.5 | -.4 | -.1 | 1.1 | .3 | .3 | .8 | -.1 | 1.1 |
| 27 | .6 | .8 | .7 | .5 | .4 | .4 | -.3 | -.4 | -.5 | -.8 | -.9 | -.6 | -.5 | -.5 | -.5 | -.5 | -.4 | -.5 | -.3 | -.2 | .0 | .0 | .7 | 1.8 | .0 | 1.8 |
| 28 | .6 | 1.1 | .9 | .4 | .9 | .7 | -.2 | -.2 | -.5 | -.8 | -1.0 | -.6 | -.6 | -.6 | -.7 | -.4 | -.7 | -.4 | -.3 | .3 | 1.5 | 2.1 | 1.0 | .9 | .1 | 2.1 |
| 29 | .5 | 1.3 | 1.1 | .9 | .8 | .6 | .0 | -.2 | -.5 | -.8 | -1.0 | -.8 | -.5 | -.5 | -.6 | -.4 | -.4 | -.4 | -.3 | -.3 | -.1 | -.1 | -.1 | -.1 | -.1 | 1.3 |
| 30 | -.1 | .1 | .1 | .2 | .8 | .8 | .0 | -.1 | -.4 | -.6 | -.7 | -.7 | -.6 | -.5 | -.6 | -.5 | -.4 | -.4 | .6 | .2 | .4 | .3 | .4 | .2 | -.1 | .8 |
| 31 | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] |
| AV | .4 | .6 | .6 | .6 | .6 | .5 | .0 | -.1 | -.4 | -.7 | -.8 | -.6 | -.5 | -.5 | -.5 | -.4 | -.4 | -.4 | -.2 | -.1 | .2 | .2 | .2 | .4 | -.1 | [ ] |
| SD | .5 | .6 | .5 | .5 | .5 | .5 | .5 | .3 | .2 | .2 | .1 | .2 | .1 | .1 | .1 | .1 | .2 | .1 | .2 | .3 | .4 | .5 | .4 | .5 | .2 | [ ] |

OUTPT [VERSION N 28 JUL 76]

DELTA T (30M-10M)
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JULY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | .1 | .2 | .0 | .4 | .6 | .6 | .0 | -.1 | .1 | -.6 | -.6 | -.5 | -.4 | -.4 | -.4 | -.4 | -.4 | -.3 | -.1 | .1 | .4 | .6 | .3 | 1.1 | .0 | 1.1 |
| 2 | .3 | .1 | .2 | .1 | .8 | .2 | .1 | .0 | -.4 | -.7 | -.8 | -.7 | -.6 | -.4 | -.5 | -.3 | -.3 | -.3 | -.2 | .0 | .0 | .0 | .1 | .5 | -.1 | .8 |
| 3 | -.1 | .7 | 1.3 | .7 | .7 | .3 | .0 | -.2 | -.5 | -.9 | -.9 | -.8 | -.7 | -.6 | -.6 | -.5 | -.5 | -.4 | -.3 | .1 | .5 | 1.1 | 1.1 | 1.0 | .0 | 1.3 |
| 4 | .8 | .8 | 1.1 | 1.0 | .5 | .5 | -.3 | -.2 | -.5 | -.9 | -.9 | -.6 | -.5 | -.5 | -.6 | -.5 | -.4 | -.5 | -.3 | 1.0 | 1.5 | -.4 | .3 | .0 | .1 | 1.5 |
| 5 | 1.3 | 1.0 | 1.1 | 1.0 | 1.1 | .7 | -.1 | -.2 | -.4 | -.8 | -.8 | -.6 | -.4 | -.4 | -.7 | -.4 | -.4 | -.4 | -.3 | .5 | 2.0 | .6 | .9 | 1.0 | .2 | 2.0 |
| 6 | .3 | 1.0 | .5 | .6 | .9 | .4 | .5 | -.1 | -.5 | -.9 | -.8 | -.6 | -.5 | -.5 | -.6 | -.4 | -.5 | -.4 | -.2 | -.2 | .1 | .5 | .8 | .5 | .0 | 1.0 |
| 7 | .5 | .8 | .6 | .7 | .6 | .8 | .4 | .1 | -.5 | -.7 | -.7 | -.5 | -.5 | -.5 | -.5 | -.4 | -.3 | -.4 | -.3 | -.2 | .0 | .0 | .0 | -.1 | .0 | .8 |
| 8 | -.1 | .5 | 1.2 | 1.3 | 1.1 | 1.0 | .2 | .0 | -.4 | -.7 | -.7 | -.5 | -.4 | -.5 | -.4 | -.4 | -.5 | -.4 | -.3 | -.1 | .2 | .1 | .2 | .3 | .0 | 1.3 |
| 9 | .6 | .5 | .7 | .8 | .5 | .3 | 1.0 | 1.3 | -.3 | -.6 | -.7 | -.5 | -.5 | -.5 | -.6 | -.4 | -.3 | -.3 | -.3 | .2 | .6 | .1 | -.1 | .0 | .1 | 1.3 |
| 10 | .0 | .1 | .5 | .7 | 1.0 | .8 | .4 | -.1 | -.4 | -.7 | -.7 | -.6 | -.6 | -.4 | -.6 | -.4 | -.3 | -.3 | -.2 | .0 | .0 | -.1 | -.1 | .1 | -.1 | 1.0 |
| 11 | .8 | .7 | 1.2 | .7 | .9 | .5 | -.1 | -.2 | -.4 | -.8 | -.9 | -.5 | -.5 | -.5 | -.5 | -.3 | -.3 | -.3 | -.2 | -.1 | .2 | .2 | .3 | .1 | .0 | 1.2 |
| 12 | .0 | .1 | .2 | .0 | .0 | .1 | -.1 | -.2 | -.3 | -.6 | -.7 | -.5 | -.4 | -.5 | -.5 | -.4 | -.2 | -.3 | -.1 | -.2 | -.1 | .2 | .1 | .0 | -.2 | .2 |
| 13 | .7 | .4 | .4 | .7 | 1.0 | .5 | -.1 | -.2 | -.5 | -.7 | -.8 | -.7 | -.5 | -.6 | -.6 | -.5 | -.5 | -.4 | -.2 | .2 | .9 | .6 | .0 | 1.4 | .0 | 1.4 |
| 14 | .5 | .4 | .8 | 1.0 | .4 | .7 | .2 | -.3 | -.5 | -.7 | -.9 | -.8 | -.5 | -.4 | -.5 | -.4 | -.4 | -.5 | -.3 | -.1 | .3 | .2 | .3 | .2 | -.1 | 1.0 |
| 15 | .3 | .8 | .6 | .7 | .6 | .5 | -.1 | -.1 | -.4 | -.8 | -1.0 | -.8 | -.5 | -.6 | -.6 | -.5 | -.4 | -.4 | -.3 | .9 | 1.1 | 1.4 | 1.2 | 1.1 | .1 | 1.4 |
| 16 | .7 | .9 | .6 | .8 | .8 | .4 | .8 | .5 | -.4 | -.9 | -.8 | -.5 | -.6 | -.5 | -.7 | -.5 | -.4 | -.4 | -.2 | .0 | .9 | .3 | .0 | .0 | .0 | .9 |
| 17 | -.1 | .5 | .4 | 1.0 | .5 | .7 | .4 | .0 | -.3 | -.6 | -.7 | -.5 | -.5 | -.5 | -.5 | -.4 | -.4 | -.3 | -.2 | -.3 | -.1 | -.2 | -.1 | -.2 | -.1 | 1.0 |
| 18 | -.1 | -.1 | .0 | .2 | .5 | .4 | -.1 | -.3 | -.5 | -.7 | -.7 | -.6 | -.6 | -.5 | -.6 | -.5 | -.5 | -.5 | -.4 | -.3 | -.2 | -.1 | -.1 | -.1 | -.3 | .5 |
| 19 | -.1 | .0 | -.1 | .2 | .4 | .4 | -.1 | -.2 | -.5 | -.8 | -.8 | -.5 | -.4 | -.5 | -.6 | -.4 | -.3 | -.3 | -.2 | -.2 | -.1 | -.2 | .7 | .1 | -.2 | .7 |
| 20 | -.1 | .0 | .4 | .2 | .4 | .1 | -.2 | -.2 | -.4 | -.8 | -.9 | -.6 | -.4 | -.4 | -.6 | -.3 | -.3 | -.3 | -.1 | .1 | .2 | .0 | .6 | .8 | -.1 | .8 |
| 21 | .6 | .4 | .5 | .7 | .4 | .4 | -.1 | -.2 | -.4 | -.8 | -.7 | -.6 | -.5 | -.4 | -.5 | -.3 | -.4 | -.3 | -.2 | .2 | .2 | .3 | .8 | .5 | .0 | .8 |
| 22 | .2 | .5 | .6 | .7 | .6 | .4 | -.1 | -.1 | -.3 | -.6 | -.8 | -.6 | -.4 | -.4 | -.4 | -.4 | -.3 | -.3 | -.2 | -.2 | .3 | .9 | .8 | .6 | .0 | .9 |
| 23 | .3 | .6 | 1.0 | .8 | .8 | .8 | .4 | -.1 | -.3 | -.7 | -.8 | -.6 | -.4 | -.4 | -.4 | -.4 | -.4 | -.2 | .1 | .7 | .3 | .2 | .1 | .2 | .1 | 1.0 |
| 24 | .7 | .9 | 1.0 | .9 | .8 | .4 | .4 | .0 | -.3 | -.5 | -.8 | -.7 | -.4 | -.5 | -.5 | -.3 | -.3 | -.2 | -.1 | .0 | .2 | .0 | .2 | .1 | .0 | 1.0 |
| 25 | .1 | .3 | .5 | .2 | .2 | .1 | .0 | .0 | -.3 | -.4 | -.6 | -.7 | -.5 | -.5 | -.5 | -.3 | -.4 | -.4 | -.2 | -.2 | -.1 | .0 | .0 | .0 | -.2 | .3 |
| 26 | .0 | .2 | .5 | .5 | .2 | -.1 | .0 | -.1 | -.4 | -.7 | -.7 | -.7 | -.5 | -.5 | -.6 | -.5 | -.4 | -.3 | -.2 | -.1 | .1 | .1 | .0 | .1 | -.2 | .5 |
| 27 | .2 | .1 | .1 | .2 | .2 | .5 | .3 | .0 | -.3 | -.7 | -.8 | -.6 | -.4 | -.4 | -.6 | -.5 | -.4 | -.3 | -.1 | .1 | .7 | 1.1 | .7 | .7 | .0 | 1.1 |
| 28 | .7 | .7 | .9 | 1.0 | .7 | .5 | .3 | .1 | -.3 | -.5 | -.6 | -.3 | -.5 | -.3 | -.4 | -.3 | -.3 | -.3 | -.1 | .0 | .3 | .9 | .4 | .3 | .1 | 1.0 |
| 29 | .9 | .6 | .9 | .7 | .3 | .6 | .3 | .1 | -.2 | -.5 | -.8 | -.6 | -.4 | -.3 | -.4 | -.3 | -.3 | -.3 | -.2 | .0 | .3 | .3 | .2 | .1 | .0 | .9 |
| 30 | .0 | .1 | .2 | .1 | .4 | .3 | .2 | -.1 | -.3 | -.6 | -.7 | -.7 | -.5 | -.5 | -.5 | -.4 | -.3 | -.3 | -.1 | -.1 | .0 | .0 | .0 | -.1 | -.2 | .4 |
| 31 | .0 | .0 | .0 | -.1 | -.1 | .0 | -.1 | -.1 | -.4 | -.7 | -.7 | -.6 | -.4 | -.5 | -.5 | -.3 | -.3 | -.3 | -.2 | -.2 | -.2 | -.2 | .0 | .0 | -.2 | .0 |
| AV | .3 | .4 | .6 | .6 | .6 | .4 | .1 | .0 | -.4 | -.7 | -.8 | -.6 | -.5 | -.5 | -.5 | -.4 | -.4 | -.3 | -.2 | .1 | .3 | .3 | .3 | .4 | .0 | [ ] |
| SD | .4 | .3 | .4 | .3 | .3 | .2 | .3 | .3 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .3 | .5 | .4 | .4 | .4 | .1 | [ ] |

OUTPT [VERSION N 28 JUL 76]

SIGMA THETA
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

MAY,1976

AEROVIRONMENT INC.

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**********************
*                    *
*  PRELIMINARY DATA  *
*  AS OF 19/SEP/76   *
*                    *
**********************
*                    *
*    SUBJECT TO      *
*     REVISION       *
*                    *
**********************
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CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 6 | 7 | 9 | 8 | 7 | 7 | 6 | 8 | 9 | 9 | 9 | 10 | 10 | 10 | 10 | 11 | 11 | 13 | 10 | 4 | 4 | 4 | 6 | 6 | 8 | 13 |
| 2 | 8 | 4 | 4 | 6 | 7 | 6 | 8 | 11 | 11 | 11 | 11 | 12 | 11 | 11 | 11 | 11 | 11 | 10 | 8 | 5 | 7 | 5 | 5 | 5 | 8 | 12 |
| 3 | 7 | 9 | 8 | 7 | 7 | 6 | 7 | 7 | 8 | 9 | 10 | 11 | 12 | 12 | 10 | 12 | 10 | 10 | 7 | 6 | 4 | 6 | 8 | 11 | 9 | 12 |
| 4 | 8 | 5 | 5 | 5 | 6 | 7 | 6 | 5 | 7 | 10 | 13 | 15 | 14 | 8 | 11 | 12 | 12 | 11 | 10 | 12 | 9 | 5 | 4 | 4 | 9 | 15 |
| 5 | 5 | 5 | 5 | 6 | 8 | 7 | 7 | 6 | 11 | 13 | 13 | 13 | 13 | 12 | 12 | 11 | 11 | 11 | 11 | 9 | 8 | 10 | 10 | 9 | 10 | 13 |
| 6 | 7 | 8 | 9 | 5 | 6 | 7 | 6 | 6 | 8 | 10 | 10 | 8 | 8 | 10 | 10 | 11 | 7 | 6 | 6 | 5 | 6 | 6 | 6 | 7 | 7 | 11 |
| 7 | 10 | 6 | 4 | 3 | 4 | 5 | 7 | 7 | 7 | 5 | 5 | 9 | 9 | 9 | 8 | 8 | 8 | 8 | 8 | 6 | 5 | 4 | 7 | 9 | 7 | 10 |
| 8 | 6 | 5 | 7 | 7 | 8 | 5 | 6 | 8 | 8 | 8 | 8 | 5 | 6 | 6 | 6 | 5 | 5 | 4 | 6 | 9 | 8 | 8 | 5 | 8 | 7 | 9 |
| 9 | 5 | 4 | 4 | 3 | 8 | 11 | 7 | 7 | 8 | 8 | 9 | 10 | 11 | 11 | 11 | 10 | 11 | 8 | 8 | 7 | 6 | 6 | 6 | 8 | 8 | 11 |
| 10 | 10 | 9 | 8 | 9 | 8 | 9 | 9 | 8 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 10 | 9 | 8 | 7 | 5 | 3 | 5 | 3 | 3 | 7 | 10 |
| 11 | 4 | 6 | 6 | 6 | 8 | 9 | 9 | 9 | 9 | 10 | 11 | 12 | 12 | 11 | 10 | 11 | 10 | 10 | 10 | 9 | 9 | 9 | 7 | 7 | 9 | 12 |
| 12 | 6 | 5 | 6 | 6 | 7 | 7 | 7 | 8 | 8 | 9 | 7 | 6 | 6 | 6 | 7 | 7 | 8 | 6 | 6 | 9 | 5 | 6 | 8 | 8 | 7 | 9 |
| 13 | 9 | 9 | 7 | 5 | 4 | 6 | 5 | 8 | 9 | 8 | 10 | 10 | 11 | 11 | 12 | 10 | 10 | 9 | 8 | 4 | 6 | 7 | 8 | 9 | 8 | 12 |
| 14 | 9 | 9 | 8 | 7 | 5 | 6 | 7 | 8 | 10 | 10 | 11 | 11 | 10 | 14 | 14 | 13 | 12 | 13 | 13 | 6 | 4 | 4 | 5 | 6 | 9 | 14 |
| 15 | 8 | 10 | 8 | 8 | 6 | 6 | 6 | 10 | 7 | 6 | 8 | 7 | 8 | 8 | 9 | 8 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 9 | 8 | 10 |
| 16 | 7 | 6 | 5 | 5 | 6 | 6 | 8 | 8 | 9 | 9 | 9 | 10 | 12 | 11 | 12 | 13 | 13 | 13 | 11 | 6 | 8 | 8 | 6 | 5 | 9 | 13 |
| 17 | 6 | 5 | 7 | 5 | 6 | 7 | 9 | 11 | 11 | 10 | 10 | 10 | 11 | 11 | 11 | 11 | 11 | 12 | 9 | 6 | 5 | 5 | 5 | 7 | 8 | 12 |
| 18 | 5 | 5 | 6 | 7 | 8 | 8 | 9 | 10 | 11 | 11 | 10 | 12 | 12 | 11 | 12 | 11 | 10 | 8 | 10 | 10 | 8 | 6 | 4 | 5 | 9 | 12 |
| 19 | 5 | 5 | 6 | 9 | 6 | 7 | 11 | 7 | 11 | 12 | 9 | 10 | 9 | 6 | 7 | 9 | 7 | 5 | 5 | 6 | 6 | 7 | 11 | 9 | 8 | 12 |
| 20 | 6 | 6 | 6 | 7 | 6 | 4 | 6 | 7 | 9 | 9 | 9 | 7 | 8 | 6 | 7 | 9 | 6 | 5 | 4 | 6 | 5 | 7 | 7 | 11 | 7 | 11 |
| 21 | 6 | 5 | 5 | 6 | 7 | 8 | 9 | 9 | 8 | 7 | 6 | 5 | 5 | 5 | 9 | 6 | 6 | 5 | 5 | 5 | 8 | 9 | 8 | 5 | 7 | 9 |
| 22 | 6 | 6 | 7 | 8 | 4 | 5 | 5 | 7 | 9 | 8 | 8 | 10 | 9 | 8 | 7 | 7 | 9 | 5 | 5 | 7 | 6 | 7 | 6 | 6 | 7 | 10 |
| 23 | 5 | 5 | 5 | 5 | 6 | 7 | 5 | 6 | 7 | 10 | 11 | 11 | 11 | 10 | 10 | 9 | 9 | 8 | 6 | 8 | 7 | 7 | 9 | 8 | 8 | 11 |
| 24 | 8 | 7 | 8 | 9 | 8 | 8 | 5 | 9 | 9 | 10 | 11 | 11 | 11 | 9 | 8 | 12 | 8 | 6 | 7 | 7 | 6 | 6 | 7 | 8 | 8 | 12 |
| 25 | 9 | 10 | 9 | 7 | 7 | 7 | 7 | 8 | 8 | 9 | 9 | 10 | 10 | 11 | 10 | 10 | 10 | 10 | 9 | 6 | 7 | 6 | 8 | 9 | 9 | 11 |
| 26 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 9 | 11 | 12 | 12 | 12 | 9 | 9 | 9 | 8 | 10 | 12 | 14 | 7 | 11 | 10 | 8 | 8 | 9 | 14 |
| 27 | 8 | 8 | 9 | 8 | 8 | 7 | 8 | 10 | 8 | 8 | 10 | 11 | 11 | 10 | 11 | 11 | 11 | 11 | 11 | 8 | 3 | 5 | 6 | 8 | 9 | 11 |
| 28 | 9 | 12 | 14 | 11 | 8 | 10 | 12 | 14 | 14 | 10 | 10 | 9 | 9 | 12 | 13 | 12 | 12 | 14 | 9 | 6 | 5 | 4 | 5 | 7 | 10 | 14 |
| 29 | 5 | 5 | 6 | 7 | 7 | 9 | 8 | 9 | 10 | 10 | 11 | 11 | 11 | 11 | 10 | 10 | 13 | 10 | 12 | 12 | 8 | 7 | 6 | 7 | 9 | 13 |
| 30 | 9 | 7 | 6 | 5 | 6 | 7 | 7 | 9 | 8 | 9 | 10 | 10 | 10 | 10 | 9 | 9 | 9 | 7 | 7 | 6 | 6 | 7 | 7 | 7 | 8 | 10 |
| 31 | 7 | 8 | 8 | 9 | 9 | 7 | 10 | 9 | 9 | 14 | 11 | 12 | 12 | 12 | 12 | 12 | 12 | 11 | 8 | 6 | 5 | 9 | 5 | 5 | 9 | 14 |
| AV | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 9 | 9 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 9 | 8 | 7 | 6 | 7 | 7 | 7 | 8 [ ] | |
| SD | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 1 [ ] | |

OUTPT [VERSION N 28 JUL 76]

SIGMA THETA
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JUNE,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5 | 5 | 5 | 6 | 6 | 7 | 7 | 8 | 9 | 9 | 10 | 8 | 9 | 10 | 13 | 11 | 12 | 10 | 8 | 5 | 4 | 3 | 2 | 3 | 7 | 13 |
| 2 | 4 | 5 | 5 | 6 | 7 | 7 | 8 | 8 | 8 | 7 | 10 | 10 | 9 | 11 | 11 | 8 | 8 | 8 | 9 | 13 | 7 | 4 | 5 | 4 | 8 | 13 |
| 3 | 5 | 5 | 5 | 6 | 8 | 7 | 7 | 7 | 8 | 8 | 7 | 6 | 7 | 10 | 11 | 8 | 8 | 9 | 8 | 7 | 5 | 4 | 3 | 4 | 7 | 11 |
| 4 | 5 | 4 | 5 | 6 | 6 | 7 | 7 | 7 | 7 | 9 | 7 | 10 | 10 | 9 | 11 | 11 | 10 | 10 | 12 | 14 | 8 | 4 | 2 | 3 | 8 | 14 |
| 5 | 3 | 3 | 4 | 4 | 5 | 5 | 6 | 7 | 8 | 8 | 9 | 9 | 10 | 11 | 11 | 9 | 9 | 8 | 6 | 5 | 4 | 2 | 3 | 3 | 6 | 11 |
| 6 | 3 | 4 | 4 | 4 | 4 | 5 | 7 | 8 | 9 | 10 | 7 | 9 | 7 | 6 | 8 | 8 | 7 | 7 | 7 | 7 | 6 | 5 | 6 | 7 | 6 | 10 |
| 7 | 9 | 8 | 5 | 5 | 5 | 6 | 7 | 8 | 9 | 9 | 10 | 10 | 8 | 9 | 11 | 10 | 8 | 7 | 6 | 5 | 4 | 5 | 5 | 4 | 7 | 11 |
| 8 | 5 | 6 | 7 | 7 | 9 | 9 | 10 | 9 | 8 | 8 | 8 | 11 | 8 | 8 | 9 | 9 | 11 | 10 | 13 | 10 | 12 | 5 | 7 | 5 | 9 | 13 |
| 9 | 7 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 8 | 9 | 11 | 10 | 8 | 9 | 10 | 10 | 10 | 10 | 7 | 9 | 7 | 3 | 2 | 4 | 7 | 11 |
| 10 | 6 | 7 | 7 | 8 | 7 | 5 | 4 | 8 | 6 | 7 | 8 | 9 | 8 | 7 | 8 | 8 | 7 | 7 | 7 | 6 | 7 | 8 | 8 | 8 | 7 | 9 |
| 11 | 6 | 5 | 5 | 5 | 6 | 6 | 9 | 11 | 11 | 10 | 11 | 10 | 13 | 10 | 11 | 12 | 12 | 10 | 10 | 10 | 7 | 7 | 5 | 5 | 9 | 13 |
| 12 | 6 | 6 | 6 | 6 | 5 | 6 | 8 | 8 | 10 | 10 | 11 | 12 | 12 | 13 | 13 | 13 | 12 | 13 | 13 | 14 | 13 | 12 | 10 | 7 | 10 | 14 |
| 13 | 5 | 3 | 5 | 7 | 6 | 4 | 3 | 5 | 8 | 8 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 9 | 9 | 8 | 7 | 6 | 6 | 7 | 7 | 9 |
| 14 | 7 | 6 | 8 | 9 | 7 | 5 | 5 | 7 | 8 | 9 | 9 | 9 | 10 | 10 | 10 | 10 | 11 | 10 | 9 | 5 | 5 | 5 | 7 | 9 | 8 | 11 |
| 15 | 11 | 10 | 5 | 5 | 7 | 7 | 9 | 8 | 7 | 7 | 6 | 7 | 6 | 6 | 7 | 7 | 7 | 7 | 6 | 6 | 5 | 5 | 5 | 5 | 7 | 11 |
| 16 | 5 | 6 | 10 | 10 | 7 | 7 | 6 | 7 | 7 | 8 | 7 | 8 | 8 | 10 | 11 | 12 | 13 | 13 | 11 | 10 | 11 | 10 | 10 | 7 | 9 | 13 |
| 17 | 8 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 10 | 9 | 10 | 10 | 10 | 10 | 9 | 8 | 7 | 7 | 5 | 4 | 5 | 7 | 6 | 4 | 7 | 10 |
| 18 | 4 | 7 | 6 | 5 | 8 | 8 | 9 | 9 | 10 | 12 | 12 | 12 | 11 | 10 | 9 | 8 | 8 | 7 | 6 | 7 | 7 | 7 | 5 | 6 | 8 | 12 |
| 19 | 6 | 6 | 7 | 6 | 7 | 7 | 9 | 8 | 9 | 10 | 9 | 9 | 9 | 8 | 7 | 7 | 7 | 7 | 6 | 8 | 7 | 7 | 7 | 7 | 8 | 10 |
| 20 | 8 | 9 | 9 | 9 | 9 | 9 | 8 | 8 | 7 | 8 | 8 | 8 | 8 | 9 | 11 | 11 | 12 | 7 | 7 | 6 | 6 | 6 | 8 | 6 | 8 | 12 |
| 21 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 6 | 9 | 11 | 10 | 11 | 11 | 12 | 13 | 12 | 12 | 12 | 12 | 6 | 6 | 6 | 6 | 5 | 8 | 13 |
| 22 | 5 | 5 | 7 | 7 | 6 | 6 | 6 | 7 | 7 | 6 | 7 | 8 | 9 | 7 | 7 | 7 | 7 | 10 | 9 | 6 | 5 | 6 | 8 | 8 | 7 | 10 |
| 23 | 6 | 8 | 5 | 4 | 7 | 6 | 7 | 10 | 11 | 11 | 10 | 10 | 11 | 10 | 9 | 10 | 8 | 9 | 9 | 9 | 8 | 10 | 8 | 9 | 9 | 11 |
| 24 | 7 | 7 | 8 | 9 | 9 | 7 | 8 | 8 | 9 | 10 | 11 | 10 | 11 | 11 | 11 | 10 | 10 | 11 | 9 | 9 | 9 | 10 | 11 | 6 | 9 | 11 |
| 25 | 4 | 5 | 5 | 6 | 7 | 6 | 6 | 7 | 7 | 7 | 8 | 8 | 11 | 10 | 11 | 13 | 11 | 13 | 13 | 11 | 10 | 12 | 4 | 5 | 8 | 13 |
| 26 | 5 | 5 | 7 | 9 | 8 | 7 | 8 | 9 | 10 | 10 | 11 | 11 | 11 | 10 | 9 | 8 | 8 | 7 | 7 | 8 | 7 | 9 | 8 | 7 | 8 | 11 |
| 27 | 9 | 8 | 9 | 7 | 8 | 8 | 6 | 7 | 10 | 9 | 10 | 10 | 9 | 10 | 10 | 11 | 11 | 12 | 9 | 7 | 7 | 8 | 8 | 9 | 9 | 12 |
| 28 | 9 | 9 | 10 | 8 | 8 | 9 | 11 | 12 | 11 | 11 | 12 | 12 | 12 | 11 | 11 | 10 | 10 | 9 | 7 | 5 | 7 | 9 | 9 | 8 | 10 | 12 |
| 29 | 9 | 11 | 11 | 8 | 7 | 6 | 5 | 7 | 9 | 9 | 9 | 9 | 9 | 10 | 10 | 8 | 7 | 7 | 8 | 7 | 7 | 6 | 6 | 6 | 8 | 11 |
| 30 | 7 | 8 | 6 | 9 | 7 | 7 | 7 | 9 | 12 | 11 | 9 | 9 | 8 | 9 | 9 | 8 | 9 | 9 | 9 | 8 | 7 | 7 | 6 | 4 | 8 | 12 |
| 31 | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] |
| AV | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 10 | 9 | 9 | 9 | 9 | 8 | 7 | 7 | 6 | 6 | 8 | [ ] |
| SD | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 1 | 1 | 1 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 3 | 2 | 2 | 1 | [ ] |

OUTPT (VERSION N 28 JUL 76)

SIGMA THETA
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JULY,1976

AEROVIRONMENT INC.

```
**********************
*                    *
*  PRELIMINARY DATA  *
*  AS OF 19/SEP/76   *
*                    *
**********************
*                    *
*    SUBJECT TO      *
*     REVISION       *
*                    *
**********************
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CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5 | 5 | 6 | 5 | 6 | 8 | 8 | 8 | 7 | 7 | 8 | 9 | 8 | 9 | 10 | 10 | 11 | 10 | 8 | 7 | 3 | 4 | 6 | 6 | 7 | 11 |
| 2 | 7 | 10 | 8 | 8 | 8 | 6 | 4 | 4 | 5 | 6 | 7 | 9 | 10 | 12 | 13 | 12 | 10 | 10 | 10 | 10 | 9 | 8 | 9 | 7 | 8 | 13 |
| 3 | 7 | 6 | 6 | 6 | 5 | 7 | 8 | 10 | 9 | 11 | 12 | 13 | 13 | 12 | 12 | 9 | 8 | 8 | 7 | 6 | 6 | 4 | 5 | 7 | 8 | 13 |
| 4 | 9 | 7 | 6 | 6 | 5 | 6 | 6 | 8 | 10 | 9 | 9 | 9 | 10 | 9 | 11 | 9 | 10 | 8 | 7 | 6 | 3 | 6 | 5 | 5 | 7 | 11 |
| 5 | 5 | 5 | 5 | 6 | 6 | 7 | 7 | 9 | 9 | 12 | 14 | 13 | 12 | 12 | 10 | 9 | 8 | 7 | 5 | 5 | 7 | 5 | 8 | 8 | 8 | 14 |
| 6 | 8 | 9 | 8 | 6 | 7 | 8 | 9 | 10 | 10 | 11 | 11 | 12 | 12 | 13 | 13 | 12 | 12 | 11 | 11 | 9 | 9 | 4 | 7 | 8 | 10 | 13 |
| 7 | 6 | 6 | 8 | 8 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 7 | 7 | 7 | 7 | 8 | 9 | 8 | 6 | 8 | 8 | 7 | 5 | 6 | 7 | 9 |
| 8 | 6 | 6 | 7 | 9 | 7 | 8 | 8 | 8 | 10 | 10 | 9 | 9 | 9 | 9 | 10 | 10 | 11 | 10 | 9 | 9 | 5 | 4 | 4 | 6 | 8 | 11 |
| 9 | 6 | 4 | 4 | 4 | 4 | 5 | 5 | 8 | 8 | 9 | 10 | 12 | 11 | 10 | 11 | 13 | 11 | 10 | 9 | 9 | 5 | 4 | 4 | 6 | 8 | 13 |
| 10 | 5 | 6 | 7 | 4 | 6 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 10 | 10 | 9 | 8 | 9 | 9 | 7 | 8 | 8 | 8 | 7 | 8 | 10 |
| 11 | 5 | 5 | 7 | 9 | 8 | 11 | 10 | 11 | 11 | 10 | 11 | 10 | 10 | 10 | 10 | 9 | 9 | 8 | 8 | 8 | 4 | 5 | 5 | 5 | 8 | 11 |
| 12 | 4 | 6 | 5 | 5 | 6 | 9 | 5 | 5 | 7 | 8 | 9 | 10 | 12 | 11 | 9 | 7 | 5 | 5 | 7 | 9 | 7 | 7 | 7 | 7 | 7 | 12 |
| 13 | 8 | 5 | 4 | 5 | 7 | 5 | 8 | 9 | 10 | 11 | 11 | 12 | 13 | 13 | 12 | 12 | 10 | 10 | 10 | 8 | 7 | 7 | 8 | 8 | 9 | 13 |
| 14 | 6 | 6 | 8 | 9 | 9 | 10 | 10 | 11 | 11 | 11 | 11 | 11 | 9 | 9 | 8 | 9 | 10 | 9 | 10 | 9 | 7 | 6 | 5 | 6 | 9 | 11 |
| 15 | 5 | 5 | 5 | 6 | 5 | 7 | 7 | 8 | 9 | 11 | 11 | 12 | 12 | 12 | 14 | 11 | 9 | 8 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 14 |
| 16 | 6 | 5 | 5 | 4 | 4 | 5 | 7 | 8 | 10 | 11 | 10 | 11 | 10 | 10 | 10 | 11 | 11 | 9 | 7 | 4 | 6 | 4 | 5 | 5 | 7 | 11 |
| 17 | 6 | 6 | 5 | 5 | 6 | 6 | 5 | 8 | 10 | 10 | 9 | 10 | 10 | 8 | 8 | 9 | 9 | 10 | 8 | 9 | 7 | 6 | 5 | 5 | 8 | 10 |
| 18 | 5 | 6 | 7 | 4 | 6 | 7 | 9 | 11 | 11 | 11 | 10 | 8 | 9 | 9 | 9 | 9 | 9 | 8 | 8 | 6 | 6 | 7 | 8 | 6 | 8 | 11 |
| 19 | 9 | 11 | 8 | 5 | 5 | 4 | 4 | 6 | 8 | 10 | 11 | 11 | 10 | 9 | 8 | 6 | 9 | 9 | 5 | 5 | 6 | 8 | 5 | 6 | 7 | 11 |
| 20 | 9 | 9 | 6 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 10 | 8 | 8 | 10 | 7 | 4 | 5 | 5 | 6 | 8 | 8 | 10 |
| 21 | 7 | 7 | 8 | 9 | 10 | 11 | 12 | 11 | 11 | 11 | 10 | 11 | 11 | 11 | 11 | 10 | 9 | 6 | 6 | 8 | 9 | 11 | 9 | 5 | 9 | 12 |
| 22 | 10 | 8 | 6 | 6 | 7 | 9 | 10 | 9 | 9 | 9 | 10 | 11 | 12 | 12 | 11 | 11 | 10 | 9 | 8 | 7 | 5 | 6 | 8 | 13 | 9 | 13 |
| 23 | 13 | 10 | 8 | 11 | 12 | 12 | 12 | 12 | 12 | 10 | 11 | 10 | 10 | 10 | 10 | 10 | 9 | 6 | 6 | 7 | 6 | 7 | 6 | 6 | 9 | 13 |
| 24 | 8 | 10 | 11 | 11 | 11 | 12 | 10 | 7 | 7 | 7 | 8 | 10 | 11 | 12 | 11 | 10 | 8 | 7 | 8 | 5 | 5 | 6 | 5 | 4 | 9 | 12 |
| 25 | 4 | 4 | 4 | 5 | 5 | 6 | 8 | 6 | 5 | 6 | 7 | 8 | 9 | 7 | 6 | 9 | 9 | 7 | 5 | 6 | 6 | 6 | 5 | 5 | 6 | 9 |
| 26 | 6 | 5 | 5 | 5 | 5 | 9 | 8 | 6 | 6 | 7 | 8 | 8 | 9 | 10 | 10 | 7 | 9 | 8 | 7 | 5 | 5 | 5 | 6 | 5 | 7 | 10 |
| 27 | 5 | 5 | 6 | 4 | 5 | 7 | 8 | 9 | 10 | 12 | 11 | 11 | 10 | 9 | 8 | 8 | 7 | 7 | 7 | 7 | 8 | 6 | 5 | 6 | 8 | 12 |
| 28 | 7 | 7 | 8 | 6 | 5 | 7 | 8 | 9 | 10 | 9 | 10 | 9 | 9 | 9 | 8 | 7 | 8 | 8 | 9 | 9 | 8 | 7 | 8 | 8 | 8 | 10 |
| 29 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 7 | 7 | 8 | 9 | 10 | 10 | 11 | 10 | 8 | 6 | 6 | 5 | 6 | 7 | 5 | 6 | 8 | 11 |
| 30 | 5 | 5 | 5 | 5 | 8 | 7 | 8 | 7 | 9 | 9 | 9 | 10 | 10 | 10 | 10 | 9 | 8 | 8 | 9 | 11 | 8 | 8 | 7 | 6 | 8 | 11 |
| 31 | 8 | 7 | 9 | 9 | 8 | 7 | 6 | 8 | 9 | 9 | 10 | 10 | 11 | 11 | 11 | 11 | 8 | 8 | 9 | 8 | 8 | 7 | 6 | 5 | 8 | 11 |
| AV | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 9 | 9 | 10 | 10 | 10 | 10 | 10 | 9 | 9 | 8 | 8 | 7 | 6 | 6 | 6 | 6 | 8 | [ ] |
| SD | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 1 | 2 | 1 | [ ] |

OUTPT (VERSION N 28 JUL 76)

SIGMA W
(METERS/SECOND)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

MAY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | .16 | .18 | .18 | .16 | .18 | .16 | .18 | .28 | .38 | .48 | .58 | .70 | .74 | .74 | .74 | .76 | .74 | .62 | .38 | .20 | .42 | .58 | .52 | .54 | .44 | .76 |
| 2 | .42 | .34 | .26 | .18 | .18 | .18 | .20 | .28 | .36 | .54 | .64 | .66 | .68 | .78 | .66 | .54 | .54 | .40 | .24 | .18 | .18 | .20 | .20 | .18 | .38 | .78 |
| 3 | .18 | .20 | .20 | .18 | .18 | .18 | .18 | .24 | .34 | .52 | .54 | .60 | .58 | .76 | .90 | .82 | .80 | .88 | .72 | .58 | .46 | .76 | .46 | .64 | .50 | .90 |
| 4 | .60 | .70 | .62 | .64 | .52 | .72 | .92 | .90 | .98 | .98 | .98 | .98 | .94 | .90 | .82 | .92 | .82 | .80 | .80 | .56 | .48 | .56 | .48 | .40 | .76 | .98 |
| 5 | .34 | .22 | .20 | .20 | .20 | .18 | .20 | .26 | .46 | .64 | .60 | .74 | .84 | .86 | .84 | .78 | .66 | .66 | .84 | .34 | .20 | .46 | .66 | .74 | .50 | .86 |
| 6 | .68 | .66 | .38 | .32 | .42 | .26 | .20 | .22 | .36 | .44 | .74 | .66 | .70 | .44 | .52 | .58 | .46 | .28 | .22 | .26 | .32 | .24 | .20 | .24 | .40 | .74 |
| 7 | .18 | .18 | .18 | .18 | .18 | .18 | .18 | .18 | .20 | .40 | .52 | .44 | .62 | .66 | .52 | .62 | .44 | .40 | .62 | .40 | .32 | .28 | .20 | .20 | .34 | .66 |
| 8 | .38 | .74 | .68 | .52 | .28 | .18 | .26 | .32 | .30 | .40 | .44 | .40 | .62 | .60 | .68 | .76 | .72 | .40 | .28 | .28 | .24 | .22 | .34 | .28 | .44 | .76 |
| 9 | .38 | .46 | .38 | .24 | .30 | .24 | .22 | .22 | .36 | .46 | .58 | .64 | .64 | .64 | .62 | .64 | .68 | .62 | .70 | .70 | .86 | .90 | .70 | .24 | .52 | .90 |
| 10 | .20 | .20 | .18 | .22 | .20 | .18 | .20 | .28 | .40 | .52 | .56 | .60 | .66 | .72 | .68 | .60 | .48 | .38 | .26 | .20 | .20 | .30 | .36 | .38 | .38 | .72 |
| 11 | .26 | .28 | .44 | .36 | .26 | .20 | .24 | .22 | .24 | .44 | .68 | .88 | .84 | .78 | .82 | .94 | .94 | .96 | .98 | .98 | .98 | .98 | .90 | .66 | .64 | .98 |
| 12 | .58 | .32 | .20 | .24 | .18 | .28 | .26 | .26 | .46 | .58 | .84 | .86 | .88 | .82 | .78 | .78 | .70 | .66 | .62 | .36 | .24 | .22 | .22 | .26 | .46 | .88 |
| 13 | .20 | .18 | .18 | .18 | .18 | .18 | .18 | .24 | .34 | .50 | .52 | .60 | .66 | .68 | .72 | .56 | .52 | .48 | .34 | .26 | .24 | .24 | .26 | .28 | .36 | .72 |
| 14 | .34 | .24 | .20 | .18 | .18 | .18 | .18 | .24 | .34 | .54 | .56 | .56 | .60 | .68 | .72 | .90 | .92 | .86 | .74 | .54 | .56 | .58 | .64 | .54 | .50 | .92 |
| 15 | .76 | .74 | .50 | .52 | .40 | .48 | .66 | .66 | .70 | .76 | .84 | .76 | .78 | .92 | .92 | .94 | .86 | .82 | .92 | .86 | .88 | .86 | .68 | .64 | .74 | .94 |
| 16 | .52 | .46 | .30 | .28 | .32 | .40 | .40 | .52 | .60 | .72 | .76 | .70 | .76 | .66 | .72 | .74 | .66 | .50 | .34 | .22 | .18 | .18 | .18 | .18 | .48 | .76 |
| 17 | .44 | .42 | .40 | .40 | .40 | .40 | .42 | .42 | .46 | .58 | .62 | .64 | .68 | .72 | .68 | .70 | .62 | .56 | .28 | .20 | .34 | .58 | .56 | .40 | .50 | .72 |
| 18 | .32 | .24 | .20 | .20 | .20 | .36 | .28 | .28 | .32 | .54 | .62 | .74 | .78 | .92 | .90 | .94 | .74 | .76 | .82 | .72 | .68 | .54 | .50 | .34 | .54 | .94 |
| 19 | .44 | .30 | .34 | .72 | .46 | .38 | .40 | .48 | .60 | .54 | .74 | .58 | .68 | .78 | .52 | .68 | .80 | .56 | .48 | .58 | .74 | .66 | .56 | .34 | .56 | .80 |
| 20 | .28 | .24 | .28 | .24 | .30 | .56 | .46 | .26 | .52 | .62 | .72 | .70 | .56 | .62 | .72 | .72 | .66 | .48 | .34 | .34 | .34 | .32 | .48 | .42 | .46 | .72 |
| 21 | .44 | .46 | .30 | .34 | .28 | .28 | .20 | .26 | .40 | .40 | .60 | .76 | .80 | .56 | .40 | .30 | .28 | .24 | .20 | .18 | .34 | .36 | .28 | .30 | .38 | .80 |
| 22 | .28 | .22 | .42 | .44 | .44 | .44 | .42 | .44 | .26 | .36 | .46 | .60 | .68 | .56 | .62 | .58 | .90 | .90 | .76 | .50 | .18 | .18 | .26 | .34 | .46 | .90 |
| 23 | .44 | .44 | .44 | .44 | .42 | .42 | .44 | .44 | .48 | .50 | .60 | .64 | .64 | .70 | .70 | .62 | .60 | .42 | .36 | .38 | .34 | .22 | .48 | .50 | .48 | .70 |
| 24 | .30 | .32 | .24 | .32 | .38 | .22 | .22 | .34 | .50 | .56 | .64 | .64 | .46 | .60 | .76 | .78 | .64 | .44 | .30 | .24 | .28 | .36 | .34 | .28 | .42 | .78 |
| 25 | .22 | .24 | .40 | .42 | .40 | .40 | .40 | .44 | .40 | .52 | .58 | .70 | .88 | .76 | .92 | .82 | .50 | .48 | .42 | .38 | .40 | .26 | .24 | .24 | .48 | .92 |
| 26 | .18 | .20 | .34 | .40 | .40 | .40 | .42 | .42 | .44 | .64 | .66 | .70 | .76 | .70 | .78 | .68 | .66 | .48 | .30 | .20 | .22 | .20 | .18 | .18 | .44 | .78 |
| 27 | .18 | .20 | .28 | .42 | .42 | .42 | .42 | .32 | .40 | .56 | .66 | .68 | .78 | .76 | .80 | .74 | .52 | .58 | .52 | .40 | .24 | .26 | .30 | .38 | .46 | .80 |
| 28 | .40 | .30 | .20 | .20 | .18 | .18 | .20 | .20 | .38 | .54 | .58 | .62 | .66 | .76 | .90 | .12 | .90 | .90 | .88 | .84 | .66 | .44 | .44 | .50 | .50 | .90 |
| 29 | .32 | .20 | .20 | .24 | .24 | .32 | .24 | .28 | .40 | .52 | .62 | .66 | .72 | .70 | .74 | .86 | .90 | .88 | .90 | .72 | .66 | .72 | .38 | .24 | .52 | .90 |
| 30 | .24 | .24 | .28 | .30 | .36 | .42 | .44 | .52 | .44 | .40 | .52 | .70 | .66 | .66 | .56 | .62 | .68 | .58 | .68 | .80 | .52 | .34 | .20 | .24 | .48 | .80 |
| 31 | .38 | .44 | .44 | .42 | .40 | .40 | .42 | .44 | .42 | .50 | .54 | .64 | .74 | .72 | .72 | .82 | .88 | .74 | .36 | .24 | .28 | .28 | .34 | .28 | .50 | .88 |
| AV | .36 | .34 | .32 | .32 | .30 | .32 | .32 | .36 | .42 | .54 | .64 | .68 | .72 | .72 | .72 | .70 | .68 | .60 | .54 | .44 | .42 | .42 | .40 | .36 | .48 | ( ) |
| SD | .17 | .17 | .13 | .14 | .11 | .13 | .16 | .15 | .14 | .12 | .11 | .11 | .10 | .11 | .13 | .18 | .16 | .20 | .25 | .23 | .22 | .23 | .18 | .15 | .09 | ( ) |

OUTPT (VERSION N 28 JUL 76)

SIGMA-W
(METERS/SECOND)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JUNE,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | .22 | .24 | .18 | .18 | .24 | .18 | .14 | .24 | .36 | .46 | .72 | .72 | .62 | .84 | .86 | .90 | .92 | .86 | .68 | .36 | .32 | .42 | .42 | .42 | .48 | .92 |
| 2 | .52 | .40 | .26 | .18 | .18 | .16 | .18 | .20 | .40 | .48 | .56 | .58 | .78 | .66 | .86 | .80 | .84 | .76 | .78 | .84 | .74 | .42 | .44 | .44 | .52 | .86 |
| 3 | .52 | .32 | .24 | .20 | .16 | .16 | .16 | .24 | .34 | .84 | .98 | .96 | .96 | .98 | .98 | .98 | .96 | .96 | .96 | .88 | .60 | .42 | .48 | .56 | .62 | .98 |
| 4 | .48 | .46 | .30 | .18 | .14 | .18 | .16 | .24 | .50 | .56 | .80 | .92 | .92 | .90 | .90 | .88 | .88 | .88 | .88 | .84 | .88 | .40 | .36 | .34 | .58 | .92 |
| 5 | .28 | .34 | .22 | .16 | .14 | .14 | .14 | .22 | .46 | .56 | .74 | .80 | .86 | .90 | .90 | .86 | .88 | .78 | .72 | .46 | .28 | .28 | .32 | .40 | .50 | .90 |
| 6 | .20 | .22 | .22 | .22 | .18 | .16 | .18 | .26 | .48 | .60 | .82 | .72 | .90 | .90 | .86 | .84 | .74 | .80 | .92 | .88 | .78 | .82 | .84 | .84 | .60 | .92 |
| 7 | .60 | .34 | .28 | .20 | .22 | .18 | .18 | .22 | .60 | .82 | .80 | .86 | .66 | .74 | .86 | .88 | .90 | .84 | .72 | .56 | .48 | .56 | .60 | .38 | .56 | .90 |
| 8 | .32 | .28 | .24 | .18 | .18 | .14 | .16 | .24 | .70 | .84 | .88 | .94 | .98 | .98 | .90 | .86 | .96 | .92 | .86 | .86 | .68 | .42 | .32 | .30 | .58 | .98 |
| 9 | .26 | .26 | .30 | .20 | .18 | .16 | .16 | .24 | .46 | .42 | .68 | .92 | .92 | .92 | .92 | .96 | .96 | .96 | .96 | .92 | .62 | .30 | .32 | .28 | .56 | .96 |
| 10 | .14 | .16 | .26 | .14 | .26 | .52 | .48 | .70 | .90 | .94 | .96 | .98 | .98 | .98 | .98 | .98 | .98 | .98 | .98 | .96 | .84 | .66 | .66 | .24 | .70 | .98 |
| 11 | .18 | .28 | .14 | .20 | .34 | .36 | .54 | .72 | .62 | .98 | .98 | .98 | .92 | .82 | .92 | .92 | .92 | .94 | .92 | .88 | .46 | .50 | .52 | .72 | .66 | .98 |
| 12 | .60 | .56 | .42 | .28 | .22 | .18 | .50 | .60 | .72 | .82 | .78 | .82 | .82 | .92 | .88 | .88 | .78 | .82 | .80 | .86 | .86 | .62 | .46 | .32 | .64 | .92 |
| 13 | .32 | .40 | .62 | .46 | .34 | .28 | .30 | .32 | .46 | .44 | .62 | .72 | .86 | .82 | .64 | .72 | .92 | .88 | .72 | .62 | .44 | .30 | .26 | .34 | .54 | .92 |
| 14 | .28 | .34 | .34 | .38 | .54 | .52 | .56 | .76 | .82 | .78 | .76 | .80 | .78 | .76 | .70 | .74 | .74 | .64 | .54 | .74 | .56 | .34 | .14 | .16 | .59 | .82 |
| 15 | .20 | .14 | .20 | .14 | .12 | .12 | .20 | .32 | .46 | .60 | .68 | .76 | .78 | .78 | .72 | .72 | .72 | .56 | .38 | .50 | .74 | .70 | .74 | .74 | .50 | .79 |
| 16 | .60 | .72 | .60 | .32 | .32 | .22 | .62 | .66 | .68 | .52 | .36 | .34 | .78 | .90 | .88 | .88 | .92 | .90 | .84 | .90 | .90 | .82 | .80 | .86 | .68 | .92 |
| 17 | .48 | .26 | .12 | .14 | .18 | .14 | .28 | .42 | .38 | .44 | .62 | .80 | .78 | .78 | .68 | .62 | .66 | .44 | .40 | .28 | .26 | .24 | .34 | .20 | .42 | .80 |
| 18 | .22 | .16 | .18 | .10 | .10 | .12 | .18 | .36 | .50 | .54 | .74 | .84 | .90 | .92 | .80 | .74 | .72 | .62 | .60 | .70 | .70 | .46 | .28 | .18 | .48 | .92 |
| 19 | .14 | .14 | .18 | .18 | .16 | .12 | .18 | .32 | .56 | .66 | .68 | .66 | .70 | .76 | .76 | .66 | .66 | .54 | .38 | .14 | .16 | .22 | .14 | .16 | .38 | .76 |
| 20 | .14 | .12 | .10 | .12 | .12 | .12 | .12 | .22 | .38 | .56 | .60 | .72 | .86 | .92 | .96 | .96 | .96 | .98 | .98 | .92 | .78 | .90 | .78 | .48 | .56 | .98 |
| 21 | .52 | .54 | .42 | .28 | .30 | .38 | .50 | .32 | .46 | .56 | .86 | .96 | .96 | .92 | .92 | .92 | .92 | .92 | .92 | .90 | .78 | .78 | .76 | .72 | .68 | .96 |
| 22 | .46 | .70 | .78 | .94 | .98 | .80 | .70 | .68 | .82 | .86 | .78 | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | .78 | .98 |
| 23 | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [ ] | [ ] |
| 24 | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [ ] | [ ] |
| 25 | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [ ] | [ ] |
| 26 | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [ ] | [ ] |
| 27 | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | .54 | .64 | .66 | .26 | .48 | .32 | .34 | .46 | .62 | .82 | .74 | .64 | .34 | .14 | .50 | .82 |
| 28 | .12 | .14 | .22 | .10 | .10 | .18 | .14 | .30 | .26 | .48 | .24 | .28 | .40 | .32 | .42 | .48 | .42 | .34 | .20 | .26 | .22 | .16 | .24 | .20 | .26 | .48 |
| 29 | .44 | .24 | .12 | .12 | .12 | .10 | .12 | .48 | .56 | .48 | .40 | .38 | .42 | .40 | .36 | .42 | .32 | .26 | .48 | .44 | .46 | .60 | .36 | .32 | .34 | .60 |
| 30 | .38 | .36 | .46 | .36 | .20 | .32 | .26 | .32 | .32 | .90 | .88 | .88 | .90 | .94 | .96 | .90 | .86 | .82 | .42 | .44 | .28 | .50 | .38 | .48 | .56 | .96 |
| 31 | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] |
| AV | .34 | .32 | .30 | .24 | .24 | .24 | .28 | .38 | .54 | .64 | .72 | .76 | .80 | .80 | .80 | .80 | .80 | .76 | .70 | .68 | .58 | .50 | .46 | .40 | .54 | [ ] |
| SD | .16 | .16 | .17 | .17 | .18 | .16 | .18 | .18 | .17 | .18 | .18 | .19 | .15 | .19 | .17 | .17 | .19 | .21 | .22 | .24 | .23 | .20 | .20 | .21 | .11 | [ ] |

OUTPT [VERSION N 28 JUL 76]

SIGMA W
(METERS/SECOND)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JULY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | .66 | .60 | .62 | .38 | .18 | .14 | .26 | .66 | .74 | .74 | .64 | .62 | .74 | .64 | .84 | .86 | .86 | .82 | .72 | .48 | .24 | .38 | .44 | .24 | .56 | .86 |
| 2 | .14 | .32 | .52 | .42 | .22 | .26 | .32 | .28 | .34 | .58 | .60 | .76 | .78 | .80 | .86 | .88 | .86 | .90 | .62 | .46 | .64 | .78 | .56 | .30 | .56 | .90 |
| 3 | .48 | .22 | .22 | .18 | .22 | .26 | .16 | .32 | .70 | .52 | .54 | .64 | .72 | .68 | .82 | .70 | .58 | .50 | .46 | .26 | .34 | .20 | .22 | .14 | .42 | .82 |
| 4 | .14 | .10 | .12 | .12 | .16 | .10 | .14 | .24 | .32 | .42 | .46 | .54 | .62 | .70 | .70 | .72 | .84 | .86 | .72 | .56 | .24 | .16 | .18 | .18 | .38 | .86 |
| 5 | .18 | .18 | .14 | .12 | .10 | .10 | .14 | .20 | .32 | .54 | .60 | .64 | .70 | .68 | .80 | .72 | .66 | .56 | .42 | .24 | .20 | .26 | .20 | .20 | .38 | .80 |
| 6 | .32 | .18 | .18 | .32 | .28 | .14 | .14 | .18 | .32 | .52 | .62 | .62 | .66 | .68 | .58 | .62 | .48 | .70 | .82 | .58 | .58 | .28 | .22 | .28 | .42 | .82 |
| 7 | .34 | .28 | .28 | .28 | .14 | .12 | .14 | .16 | .30 | .52 | .60 | .70 | .80 | .78 | .84 | .76 | .78 | .84 | .86 | .74 | .74 | .50 | .82 | .88 | .56 | .88 |
| 8 | .62 | .38 | .20 | .18 | .18 | .12 | .12 | .20 | .38 | .46 | .62 | .70 | .72 | .82 | .76 | .80 | .72 | .58 | .34 | .36 | .42 | .44 | .40 | .44 | .46 | .82 |
| 9 | .40 | .36 | .26 | .22 | .30 | .44 | .40 | .36 | .62 | .62 | .68 | .70 | .72 | .72 | .84 | .78 | .76 | .56 | .32 | .46 | .22 | .40 | .70 | .62 | .52 | .84 |
| 10 | .56 | .62 | .30 | .26 | .22 | .22 | .26 | .26 | .34 | .50 | .56 | .58 | .68 | .64 | .82 | .88 | .84 | .68 | .40 | .36 | .54 | .58 | .28 | .18 | .48 | .88 |
| 11 | .26 | .18 | .18 | .14 | .12 | .12 | .14 | .26 | .40 | .54 | .64 | .66 | .70 | .68 | .70 | .72 | .62 | .56 | .88 | .50 | .28 | .40 | .32 | .36 | .44 | .88 |
| 12 | .40 | .50 | .76 | .84 | .86 | .40 | .42 | .46 | .60 | .64 | .72 | .74 | .82 | .74 | .58 | .60 | .46 | .50 | .44 | .48 | .46 | .30 | .28 | .34 | .56 | .86 |
| 13 | .18 | .18 | .26 | .14 | .10 | .10 | .20 | .34 | .48 | .54 | .64 | .66 | .68 | .80 | .84 | .78 | .64 | .58 | .42 | .22 | .14 | .20 | .44 | .24 | .40 | .84 |
| 14 | .22 | .28 | .14 | .12 | .14 | .10 | .14 | .24 | .34 | .52 | .62 | .74 | .74 | .76 | .80 | .80 | .74 | .64 | .60 | .38 | .18 | .28 | .28 | .28 | .42 | .80 |
| 15 | .38 | .22 | .12 | .14 | .12 | .10 | .16 | .22 | .36 | .56 | .64 | .60 | .66 | .68 | .72 | .66 | .64 | .58 | .36 | .18 | .16 | .12 | .14 | .14 | .36 | .72 |
| 16 | .12 | .22 | .14 | .10 | .12 | .10 | .10 | .16 | .22 | .44 | .54 | .66 | .70 | .72 | .68 | .72 | .62 | .56 | .64 | .30 | .14 | .36 | .68 | .64 | .40 | .72 |
| 17 | .46 | .22 | .22 | .18 | .26 | .20 | .16 | .40 | .62 | .66 | .66 | .62 | .64 | .60 | .68 | .72 | .90 | .78 | .86 | .66 | .50 | .48 | .34 | .20 | .50 | .90 |
| 18 | .26 | .26 | .46 | .18 | .10 | .10 | .16 | .20 | .38 | .52 | .42 | .46 | .44 | .70 | .86 | .82 | .70 | .62 | .44 | .32 | .60 | .50 | .22 | .26 | .42 | .86 |
| 19 | .28 | .46 | .52 | .16 | .10 | .12 | .14 | .30 | .46 | .50 | .66 | .68 | .68 | .76 | .76 | .88 | .64 | .50 | .68 | .86 | .86 | .82 | .50 | .56 | .52 | .88 |
| 20 | .58 | .36 | .20 | .28 | .18 | .22 | .26 | .30 | .36 | .50 | .62 | .70 | .74 | .64 | .56 | .80 | .74 | .48 | .26 | .24 | .28 | .42 | .22 | .14 | .42 | .80 |
| 21 | .18 | .14 | .12 | .14 | .12 | .12 | .14 | .24 | .40 | .48 | .54 | .62 | .78 | .76 | .62 | .68 | .74 | .60 | .44 | .28 | .34 | .44 | .32 | .24 | .40 | .78 |
| 22 | .28 | .18 | .12 | .12 | .10 | .10 | .14 | .22 | .40 | .54 | .56 | .62 | .76 | .74 | .72 | .76 | .74 | .62 | .54 | .46 | .30 | .18 | .18 | .24 | .40 | .76 |
| 23 | .36 | .28 | .12 | .10 | .10 | .10 | .12 | .22 | .46 | .58 | .62 | .68 | .70 | .72 | .76 | .68 | .56 | .70 | .30 | .22 | .28 | .64 | .76 | .70 | .44 | .76 |
| 24 | .22 | .52 | .20 | .16 | .18 | .36 | .16 | .36 | .36 | .56 | .66 | .78 | .72 | .74 | .68 | .68 | .78 | .74 | .56 | .46 | .48 | .60 | .50 | .50 | .50 | .78 |
| 25 | .70 | .60 | .54 | .64 | .64 | .60 | .62 | .74 | .68 | .62 | .38 | .70 | .80 | .84 | .74 | .82 | .82 | .84 | .44 | .30 | .28 | .26 | .20 | .18 | .58 | .84 |
| 26 | .18 | .20 | .12 | .12 | .10 | .14 | .14 | .18 | .28 | .46 | .60 | .52 | .68 | .72 | .72 | .78 | .62 | .58 | .46 | .32 | .38 | .54 | .60 | .72 | .42 | .78 |
| 27 | .50 | .48 | .44 | .46 | .54 | .24 | .14 | .30 | .80 | .56 | .62 | .70 | .76 | .78 | .76 | .76 | .70 | .64 | .68 | .28 | .18 | .16 | .20 | .18 | .50 | .80 |
| 28 | .16 | .20 | .14 | .12 | .12 | .12 | .12 | .22 | .32 | .44 | .52 | .68 | .76 | .78 | .92 | .88 | .64 | .40 | .36 | .64 | .24 | .14 | .22 | .14 | .38 | .92 |
| 29 | .18 | .22 | .12 | .12 | .12 | .12 | .10 | .18 | .34 | .48 | .60 | .68 | .70 | .80 | .68 | .90 | .78 | .66 | .50 | .32 | .16 | .20 | .24 | .32 | .40 | .90 |
| 30 | .34 | .40 | .22 | .32 | .18 | .18 | .18 | .46 | .50 | .44 | .52 | .72 | .72 | .58 | .72 | .70 | .78 | .72 | .78 | .68 | .44 | .36 | .56 | .46 | .50 | .78 |
| 31 | .26 | .34 | .70 | .58 | .30 | .18 | .22 | .28 | .46 | .60 | .68 | .68 | .74 | .78 | .74 | .72 | .62 | .78 | .68 | .84 | .92 | .66 | .26 | .24 | .56 | .92 |
| AV | .34 | .32 | .28 | .24 | .22 | .18 | .20 | .30 | .44 | .54 | .60 | .66 | .72 | .72 | .74 | .76 | .70 | .64 | .54 | .44 | .38 | .38 | .38 | .34 | .46 | [ ] |
| SD | .16 | .14 | .18 | .18 | .17 | .12 | .11 | .13 | .15 | .07 | .07 | .07 | .07 | .06 | .09 | .08 | .11 | .12 | .18 | .18 | .20 | .19 | .19 | .20 | .06 | [ ] |

OUTPT (VERSION N 28 JUL 76)

DEW POINT
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

MAY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR [LOCAL STANDARD TIME]

| DAY | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 12 | 12 | 13 | 13 | 13 | 12 | 13 | 12 | 11 | 10 | 10 | 10 | 8 | 8 | -2 | -2 | -2 | -2 | -1 | 0 | 0 | 0 | 3 | 7 | 7 | 13 |
| 2 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 7 | 7 | 7 | 7 | 6 | 6 | 5 | 6 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 9 | 9 | 7 | 9 |
| 3 | 10 | 10 | 11 | 11 | 12 | 12 | 11 | 12 | 10 | 11 | 10 | 10 | 9 | 8 | 8 | 8 | 7 | 8 | 8 | 9 | 9 | 9 | 10 | 10 | 10 | 12 |
| 4 | 10 | 10 | 11 | 12 | 13 | 13 | 14 | 16 | 16 | 16 | 15 | 14 | 4 | 3 | 3 | 2 | 1 | 1 | 4 | 4 | 4 | 5 | 6 | 6 | 8 | 16 |
| 5 | 6 | 6 | 6 | 7 | 8 | 8 | 9 | 9 | 7 | 7 | 6 | 6 | 6 | 7 | 4 | 5 | 6 | 6 | 7 | 8 | 8 | 10 | 10 | 12 | 7 | 12 |
| 6 | 9 | 12 | 13 | 15 | 15 | 14 | 16 | 18 | 19 | 19 | 18 | 18 | 18 | 18 | 15 | 15 | 15 | 16 | 17 | 18 | 17 | 17 | 18 | 17 | 16 | 19 |
| 7 | 18 | 17 | 18 | 18 | 20 | 19 | 20 | 21 | 21 | 21 | 19 | 20 | [MI] | 8 | 7 | 8 | 8 | 8 | 9 | 10 | 10 | 10 | 9 | 10 | 14 | 21 |
| 8 | 10 | 11 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 9 | 8 | 8 | 9 | 10 | 10 | 10 | 10 | 11 | 11 | 10 | 9 | 9 | 9 | 10 | 11 |
| 9 | 10 | 10 | 9 | 9 | 9 | 9 | 10 | 10 | 10 | 10 | 10 | 10 | 9 | 9 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 10 | 10 | 10 | 9 | 10 |
| 10 | 10 | 10 | 10 | 11 | 11 | 11 | 12 | 11 | 12 | 13 | 10 | 11 | 10 | 9 | 8 | 7 | 7 | 7 | 6 | 8 | 9 | 10 | 10 | 11 | 10 | 13 |
| 11 | 10 | 11 | 11 | 11 | 12 | 12 | 13 | 13 | 12 | 12 | 11 | 10 | 11 | 12 | 11 | 10 | 9 | 9 | 10 | 10 | 11 | 12 | 12 | 13 | 11 | 13 |
| 12 | 13 | 14 | 14 | 14 | 15 | 16 | 16 | 15 | 13 | 13 | -6 | -6 | -7 | -8 | -7 | -6 | -5 | -4 | -4 | -3 | -2 | -1 | 0 | 0 | 4 | 16 |
| 13 | 1 | 3 | 4 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | -4 | -4 | -3 | -2 | -1 | -1 | -1 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 1 | 6 |
| 14 | 2 | 3 | 3 | 3 | 4 | 4 | 5 | 6 | 6 | 5 | 4 | 4 | 4 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 6 |
| 15 | 3 | 4 | 7 | 8 | 8 | 8 | 9 | 8 | 8 | 8 | 8 | 8 | 8 | 6 | 7 | 7 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 9 |
| 16 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 0 | -2 | -1 | 0 | -1 | -1 | -2 | -2 | -2 | -2 | -2 | -1 | 0 | 3 | 8 |
| 17 | 0 | 0 | 1 | 1 | 0 | 1 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 1 | -1 | -1 | -1 | -1 | -1 | 0 | 0 | -2 | -2 | -1 | 0 | 2 |
| 18 | -1 | 0 | 0 | 0 | 1 | 1 | 3 | 4 | 4 | 3 | 0 | 0 | -2 | -4 | -4 | -3 | -3 | -2 | -2 | -1 | 0 | 1 | 1 | 2 | 0 | 4 |
| 19 | 2 | 3 | 3 | 3 | 4 | 4 | 4 | 5 | 5 | -1 | 3 | 3 | 3 | 5 | 7 | 5 | 6 | 5 | 6 | 6 | 6 | 7 | 8 | 8 | 5 | 8 |
| 20 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 10 | 9 | 8 | 8 | 9 | 9 | 9 | 8 | 8 | 8 | 7 | 9 | 9 | 9 | 9 | 9 | 9 | 10 |
| 21 | 8 | 8 | 9 | 9 | 9 | 9 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 11 | 11 | 11 | 10 | 11 | 12 | 12 | 12 | 11 | 11 | 10 | 10 | 12 |
| 22 | 10 | 10 | 9 | 8 | 8 | 9 | 10 | 11 | 11 | 11 | 10 | 8 | 8 | 8 | 7 | 7 | 8 | 7 | 7 | 8 | 8 | 8 | 9 | 7 | 9 | 11 |
| 23 | 8 | 8 | 8 | 7 | 8 | 8 | 7 | 8 | 9 | 10 | 9 | 8 | 8 | 7 | 6 | 5 | 5 | 5 | 6 | 7 | 8 | 8 | 8 | 9 | 8 | 10 |
| 24 | 10 | 9 | 10 | 9 | 10 | 9 | 10 | 10 | 10 | 9 | 9 | 8 | 9 | 7 | 3 | 4 | 5 | 7 | 8 | 8 | 8 | 7 | 7 | 7 | 8 | 10 |
| 25 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 6 | 5 | 5 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 |
| 26 | 7 | 6 | 4 | 6 | 6 | 6 | 7 | 7 | 6 | 5 | 4 | 4 | 4 | 3 | 3 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 3 | 4 | 7 |
| 27 | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 6 | 6 | 5 | 5 | 5 | 4 | 5 | 4 | 3 | 3 | 0 | -1 | -2 | -2 | -2 | -1 | 0 | 3 | 6 |
| 28 | 1 | 1 | 1 | 1 | 2 | 2 | 4 | 5 | 5 | 5 | 5 | 6 | 5 | 2 | -1 | -1 | -3 | -3 | -3 | -3 | -3 | -3 | -2 | -2 | 1 | 6 |
| 29 | -2 | -2 | -1 | -1 | 0 | 2 | 2 | 3 | 5 | 5 | 5 | 4 | 3 | 3 | 3 | 4 | 4 | 4 | 3 | 4 | 5 | 6 | 6 | 6 | 3 | 6 |
| 30 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 8 | 8 | 8 | 8 | 8 | 7 | 7 | 6 | 6 | 7 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 7 | 9 |
| 31 | 9 | 8 | 9 | 9 | 9 | 9 | 10 | 11 | 11 | 10 | 10 | 7 | 6 | 6 | 5 | 3 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 6 | 11 |
| AV | 7 | 7 | 7 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 7 | 7 | 6 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 6 | 6 | 6 | 7 | 7 | [ ] |
| SD | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | [ ] |

OUTPT [VERSION N 28 JUL 76]

DEW POINT
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JUNE,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 6 | 6 | 6 | 5 | 5 | 5 | 5 | 4 | 4 | 3 | 4 | 3 | 4 | 3 | 3 | 3 | 3 | 4 | 6 |
| 2 | 3 | 3 | 3 | 3 | 4 | 4 | 5 | 6 | 6 | 6 | 6 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 7 | 5 | 7 |
| 3 | 7 | 7 | 7 | 7 | 8 | 9 | 8 | 8 | 8 | 9 | 8 | 8 | 7 | 3 | 5 | 6 | 6 | 6 | 6 | 7 | 6 | 6 | 5 | 5 | 7 | 9 |
| 4 | 6 | 6 | 6 | 6 | 6 | 7 | 8 | 8 | 8 | 9 | 8 | 6 | 8 | 8 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 6 | 7 | 9 |
| 5 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 8 | 8 | 8 | 7 | 7 | 7 | 7 | 8 | 9 |
| 6 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 9 | 9 | 7 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 4 | 4 | 4 | 4 | 7 | 9 |
| 7 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 5 | 5 | 5 | 5 | 2 | 2 | 2 | 2 | 3 | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 6 |
| 8 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 3 | 3 | 2 | 2 | 1 | 2 | 2 | 2 | 4 | 5 |
| 9 | 1 | 1 | 1 | 2 | 3 | 3 | 4 | 5 | 5 | 5 | 3 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 5 |
| 10 | 3 | 3 | 3 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 7 | 9 | 10 | 10 | 5 | 10 |
| 11 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 7 | -2 | -2 | -1 | 0 | -1 | -1 | 0 | 3 | 3 | 4 | 5 | 5 | 5 | 4 | 5 | 10 |
| 12 | 3 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 3 | 2 | 3 |
| 13 | 3 | 2 | 2 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 6 | 6 | 4 | 5 | 4 | 4 | 4 | 6 |
| 14 | 3 | 3 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | -1 | -2 | -2 | -2 | -3 | -3 | -4 | -3 | -3 | -2 | 1 | 1 | 1 | 2 | 2 | 0 | 3 |
| 15 | 2 | 2 | 0 | 2 | 2 | 3 | 3 | 4 | 2 | 3 | 3 | 2 | 2 | 2 | 1 | -1 | -5 | -5 | -5 | -1 | -2 | -3 | -3 | -3 | 0 | 4 |
| 16 | -3 | -3 | -3 | -3 | -3 | -2 | -2 | -3 | -4 | -2 | -2 | -3 | -1 | 0 | 1 | 2 | 3 | 3 | 3 | 3 | 3 | 5 | 6 | 5 | 0 | 6 |
| 17 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 5 | 6 | 6 | 4 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 7 | 6 | 6 | 7 | 7 | 4 | 6 | 7 |
| 18 | 1 | 1 | 2 | 6 | 6 | 6 | 7 | 8 | 6 | 6 | 5 | 3 | 2 | 2 | 1 | 1 | 0 | 0 | 1 | 3 | 5 | 5 | 5 | 5 | 4 | 8 |
| 19 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 2 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 5 |
| 20 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | 2 | 0 | 0 | -1 | 1 | 2 | 1 | 2 | 2 | 1 | 0 | 2 | 4 |
| 21 | 0 | -2 | -2 | -2 | -3 | -2 | -1 | 0 | 0 | 0 | -2 | -2 | -3 | -3 | -3 | -3 | -2 | -2 | -1 | 1 | 2 | 3 | 4 | 5 | -1 | 5 |
| 22 | 6 | 6 | 6 | 6 | 7 | 9 | 9 | 9 | 9 | 9 | 10 | 10 | 10 | 11 | 10 | 9 | 9 | 8 | 9 | 9 | 9 | 9 | 9 | 8 | 9 | 11 |
| 23 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 5 | 4 | 3 | 3 | 3 | 2 | 2 | 2 | 1 | 1 | 0 | -2 | -2 | -1 | 0 | 1 | 2 | 3 | 8 |
| 24 | 2 | 3 | 3 | 3 | 4 | 1 | 0 | 0 | 3 | 3 | -2 | -2 | -3 | -5 | -4 | -5 | -5 | -4 | -4 | -4 | -4 | -3 | -2 | -2 | -1 | 4 |
| 25 | -2 | -1 | 0 | 1 | 1 | 2 | 3 | 3 | 3 | 2 | 0 | -3 | -2 | -2 | -2 | -2 | -2 | -2 | -3 | -3 | -2 | -2 | -1 | -1 | -1 | 3 |
| 26 | -1 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | -1 | -2 | -3 | -3 | -3 | -2 | -2 | -2 | -2 | -2 | -2 | -2 | -2 | -2 | -1 | -1 | 1 |
| 27 | 1 | 1 | 1 | 1 | 1 | 2 | 3 | 3 | 2 | 2 | 1 | 1 | 1 | -1 | -2 | -2 | -3 | -3 | -2 | -2 | -3 | -3 | -3 | -1 | 0 | 3 |
| 28 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 0 | -2 | -3 | -5 | -4 | -3 | -2 | -1 | -1 | 0 | 0 | 2 |
| 29 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 2 | 2 | 3 | 2 | 2 | 3 | 2 | 0 | 1 | 0 | 0 | 1 | 2 | 3 | 2 | 1 | 1 | 1 | 3 |
| 30 | 0 | 0 | 0 | -1 | -1 | -1 | -2 | -2 | 7 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 9 | 10 | 10 | 10 | 9 | 9 | 9 | 5 | 10 |
| 31 | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] |
| AV | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | [ ] |
| SD | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | 3 | [ ] |

OUTPT [VERSION N 28 JUL 76]

DEW POINT
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JULY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 10 | 11 | 11 | 11 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 11 | 11 | 11 | 8 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 8 | 8 | 10 | 12 |
| 2 | 8 | 9 | 9 | 9 | 9 | 8 | 8 | 9 | 10 | 10 | 10 | 10 | 8 | 8 | 0 | 0 | 0 | -3 | -3 | -3 | 1 | 1 | 1 | 3 | 5 | 10 |
| 3 | 7 | 9 | 9 | 9 | 8 | 8 | 9 | 8 | 8 | 6 | 6 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | -4 | -7 | -7 | -7 | -6 | 3 | 9 |
| 4 | -5 | -5 | -4 | -4 | -4 | -4 | -1 | -1 | -1 | 0 | -1 | -1 | 0 | -3 | -3 | -5 | -8 | -9 | -9 | -9 | -9 | -8 | -7 | -6 | -4 | 0 |
| 5 | -6 | -5 | -5 | -5 | -5 | -4 | -3 | 0 | 0 | 0 | -1 | -1 | -2 | -3 | -3 | -2 | -2 | -2 | -2 | -2 | -3 | -3 | -2 | -1 | -3 | 0 |
| 6 | -1 | -1 | 0 | -1 | 0 | 0 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 0 | 0 | 0 | 2 | 2 | 2 | 4 | 4 | 3 | 3 | 1 | 4 |
| 7 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 6 | 6 | 6 | 5 | 4 | 5 | 4 | 5 | 6 | 5 | 4 | 5 | 5 | 6 | 6 | 7 | 8 | 5 | 8 |
| 8 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 9 | 9 | 9 | 8 | 6 | 4 | 3 | 3 | 4 | 4 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 6 | 9 |
| 9 | 4 | 4 | 4 | 5 | 5 | 6 | 6 | 8 | 5 | 4 | 4 | 2 | 0 | 0 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 5 | 6 | 3 | 8 |
| 10 | 6 | 6 | 5 | 6 | 6 | 6 | 6 | 8 | 8 | 8 | 6 | 5 | 4 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 5 | 6 | 7 | 7 | 5 | 8 |
| 11 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 7 | 6 | 6 | 4 | 4 | 4 | 4 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 8 |
| 12 | 7 | 8 | 8 | 8 | 8 | 8 | 9 | 10 | 10 | 10 | 10 | 10 | 9 | 10 | 9 | 10 | 10 | 9 | 9 | 10 | 10 | 10 | 10 | 10 | 9 | 10 |
| 13 | 10 | 11 | 11 | 11 | 11 | 12 | 12 | 13 | 13 | 12 | 12 | 10 | 8 | 5 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 4 | 8 | 13 |
| 14 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 6 | 6 | 5 | 4 | 4 | 3 | 4 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 4 | 6 |
| 15 | 6 | 6 | 6 | 6 | 5 | 6 | 6 | 6 | 6 | 4 | 4 | 2 | 2 | 0 | -3 | -3 | -4 | -3 | -2 | -2 | -3 | -3 | -2 | -1 | 2 | 6 |
| 16 | -1 | -1 | -1 | -1 | -1 | 0 | 0 | 0 | 1 | 2 | 2 | 3 | 3 | 2 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 1 | 4 |
| 17 | 5 | 5 | 6 | 6 | 6 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 7 | 7 | 9 | 10 | 12 | 13 | 13 | 13 | 15 | 16 | 9 | 16 |
| 18 | 15 | 17 | 16 | 16 | 15 | 15 | 17 | 17 | 17 | 17 | 15 | 15 | 15 | 14 | 14 | 13 | 11 | 13 | 12 | 12 | 13 | 13 | 13 | 14 | 15 | 17 |
| 19 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 13 | 13 | 11 | 10 | 10 | 10 | 10 | 10 | 10 | 11 | 11 | 10 | 10 | 13 | 13 | 12 | 14 |
| 20 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 14 | 15 | 13 | 13 | 13 | 10 | 10 | 10 | 9 | 9 | 10 | 11 | 11 | 10 | 10 | 10 | 10 | 12 | 15 |
| 21 | 11 | 11 | 11 | 11 | 10 | 10 | 12 | 12 | 12 | 10 | 9 | 7 | 5 | 3 | 2 | 2 | 2 | 3 | 3 | 3 | 4 | 6 | 6 | 6 | 7 | 12 |
| 22 | 6 | 6 | 6 | 6 | 6 | 6 | 8 | 8 | 8 | 8 | 7 | 6 | 5 | 4 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 4 | 4 | 5 | 8 |
| 23 | 4 | 4 | 4 | 4 | 4 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 4 | 2 | 1 | 1 | 1 | 1 | 0 | 0 | -1 | 0 | 5 | 5 | 3 | 6 |
| 24 | 6 | 6 | 6 | 5 | 6 | 6 | 6 | 7 | 7 | 6 | 6 | 6 | 6 | 6 | 5 | 4 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 |
| 25 | 7 | 8 | 7 | 8 | 8 | 9 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 11 | 12 | 12 | 13 | 13 | 13 | 13 | 13 | 13 | 10 | 13 |
| 26 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 14 | 14 | 13 | 13 | 13 | 12 | 10 | 12 | 12 | 12 | 12 | 11 | 11 | 10 | 10 | 9 | 12 | 14 |
| 27 | 10 | 11 | 11 | 12 | 12 | 12 | 13 | 12 | 8 | 8 | 7 | 6 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 6 | 6 | 6 | 6 | 6 | 8 | 13 |
| 28 | 6 | 6 | 6 | 6 | 7 | 7 | 8 | 8 | 9 | 9 | 9 | 6 | 4 | 3 | 5 | 6 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 9 |
| 29 | 6 | 6 | 6 | 6 | 7 | 7 | 8 | 8 | 9 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 |
| 30 | 9 | 9 | 9 | 10 | 10 | 10 | 10 | 11 | 12 | 10 | 10 | 10 | 9 | 9 | 9 | 8 | 8 | 8 | 8 | 8 | 10 | 10 | 11 | 11 | 10 | 12 |
| 31 | 11 | 11 | 11 | 12 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 11 | 11 | 11 | 11 | 10 | 11 | 12 | 10 | 9 | 11 | 12 | 13 | 12 | 13 |
| AV | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 9 | 9 | 8 | 8 | 7 | 6 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | [ ] |
| SD | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | [ ] |

OUTPT [VERSION N 28 JUL 76]

RELATIVE HUMIDITY
(PERCENT)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

MAY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | [OS] | [OS] | [OS] | [OS] | [OS] | [OS] | [OS] | [OS] | [OS] | 91 | 87 | 77 | 63 | 59 | 26 | 24 | 24 | 24 | 26 | 36 | 36 | 39 | 52 | 69 | 49 | 91 |
| 2 | 71 | 77 | 96 | 100 | 100 | [OS] | [OS] | 100 | 78 | 63 | 52 | 46 | 41 | 37 | 37 | 40 | 42 | 41 | 42 | 50 | 58 | 65 | 75 | 86 | 63 | 100 |
| 3 | 98 | 100 | 100 | [OS] | [OS] | [OS] | [OS] | [OS] | 94 | 77 | 64 | 56 | 46 | 40 | 37 | 38 | 38 | 40 | 41 | 47 | 52 | 55 | 60 | 62 | 60 | 100 |
| 4 | 64 | 70 | 77 | 84 | 93 | 90 | 89 | 95 | 88 | 77 | 71 | 67 | 34 | 45 | 32 | 27 | 27 | 30 | 40 | 42 | 46 | 53 | 60 | 62 | 61 | 95 |
| 5 | 65 | 70 | 77 | 85 | 96 | 100 | 100 | 88 | 69 | 58 | 49 | 44 | 42 | 43 | 36 | 38 | 42 | 55 | 52 | 61 | 63 | 71 | 80 | 100 | 66 | 100 |
| 6 | 92 | 100 | [OS] | [OS] | [OS] | [OS] | [OS] | [OS] | [OS] | [OS] | [OS] | [OS] | [OS] | [OS] | [OS] | [OS] | 100 | [OS] | [OS] | [OS] | [OS] | [OS] | [OS] | [OS] | 97 | 100 |
| 7 | [OS] | [OS] | [OS] | [OS] | [OS] | [OS] | [OS] | [OS] | [OS] | [OS] | [OS] | [OS] | [MI] | 64 | 59 | 62 | 63 | 60 | 77 | 87 | 94 | 100 | 100 | 100 | 79 | 100 |
| 8 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | [OS] | 100 | 100 | 97 | 90 | 79 | 76 | 78 | 92 | 100 | 100 | 100 | 100 | 100 | 99 | 92 | 98 | 96 | 100 |
| 9 | 100 | 100 | 99 | 100 | 99 | 100 | 100 | 100 | 92 | 83 | 73 | 67 | 61 | 58 | 52 | 50 | 50 | 51 | 57 | 72 | 83 | 86 | 88 | 99 | 80 | 100 |
| 10 | 100 | 100 | 100 | 100 | [OS] | [OS] | [OS] | 100 | 100 | 94 | 77 | 70 | 57 | 54 | 50 | 45 | 44 | 42 | 42 | 52 | 56 | 65 | 71 | 79 | 71 | 100 |
| 11 | 86 | 89 | 86 | 100 | 100 | 100 | 100 | 92 | 81 | 70 | 56 | 50 | 67 | 60 | 55 | 49 | 47 | 48 | 55 | 63 | 70 | 81 | 91 | 100 | 75 | 100 |
| 12 | 100 | [OS] | [OS] | [OS] | [CS] | [OS] | [OS] | [OS] | 100 | 100 | 26 | 24 | 20 | 18 | 18 | 19 | 19 | 19 | 20 | 25 | 29 | 35 | 42 | 48 | 39 | 100 |
| 13 | 56 | 66 | 78 | 87 | 95 | [OS] | 96 | 86 | 65 | 52 | 22 | 20 | 21 | 21 | 21 | 20 | 20 | 21 | 22 | 23 | 27 | 33 | 34 | 41 | 45 | 98 |
| 14 | 43 | 52 | 58 | 61 | 70 | 72 | 71 | 65 | 54 | 39 | 32 | 26 | 23 | 19 | 17 | 17 | 17 | 18 | 20 | 23 | 24 | 28 | 27 | 29 | 38 | 72 |
| 15 | 31 | 35 | 52 | 64 | 74 | 79 | 86 | 80 | 75 | 72 | 66 | 62 | 60 | 59 | 56 | 59 | 56 | 59 | 62 | 70 | 73 | 77 | 79 | 83 | 65 | 86 |
| 16 | 90 | 97 | 100 | 100 | 100 | 100 | 100 | 96 | 88 | 80 | 77 | 40 | 32 | 32 | 31 | 28 | 27 | 24 | 25 | 28 | 33 | 34 | 40 | 48 | 60 | 100 |
| 17 | 52 | 57 | 61 | 63 | 68 | 72 | 70 | 61 | 48 | 39 | 31 | 28 | 26 | 21 | 16 | 15 | 15 | 16 | 17 | 21 | 22 | 20 | 22 | 26 | 37 | 72 |
| 18 | 29 | 34 | 37 | 41 | 48 | 48 | 53 | 47 | 39 | 28 | 20 | 18 | 14 | 10 | 11 | 12 | 13 | 14 | 15 | 17 | 20 | 23 | 25 | 29 | 27 | 53 |
| 19 | 31 | 34 | 35 | 32 | 38 | 40 | 41 | 40 | 38 | 21 | 30 | 30 | 31 | 39 | 46 | 38 | 41 | 36 | 39 | 40 | 42 | 51 | 55 | 58 | 39 | 53 |
| 20 | 62 | 64 | 63 | 65 | 65 | 68 | 68 | 71 | 70 | 60 | 50 | 50 | 61 | 57 | 52 | 46 | 47 | 46 | 47 | 55 | 62 | 64 | 65 | 67 | 59 | 71 |
| 21 | 68 | 69 | 71 | 74 | 77 | 79 | 83 | 79 | 70 | 66 | 69 | 74 | 84 | 91 | 83 | 83 | 77 | 83 | 95 | 99 | 95 | 96 | 97 | 100 | 82 | 100 |
| 22 | 100 | 100 | 90 | 85 | 86 | 93 | 100 | 100 | 97 | 86 | 75 | 58 | 74 | 71 | 65 | 59 | 68 | 72 | 72 | 75 | 86 | 84 | 90 | 82 | 82 | 100 |
| 23 | 83 | 87 | 93 | 88 | 92 | 93 | 87 | 85 | 82 | 79 | 69 | 59 | 53 | 45 | 41 | 37 | 36 | 37 | 41 | 46 | 54 | 60 | 62 | 71 | 66 | 93 |
| 24 | 77 | 79 | 85 | 82 | 88 | 88 | 85 | 82 | 73 | 65 | 56 | 53 | 52 | 42 | 32 | 36 | 47 | 55 | 60 | 66 | 65 | 67 | 69 | 74 | 66 | 88 |
| 25 | 80 | 84 | 85 | 91 | 92 | 99 | 100 | 90 | 74 | 61 | 53 | 42 | 39 | 44 | 40 | 66 | 62 | 57 | 52 | 57 | 61 | 65 | 73 | 76 | 68 | 100 |
| 26 | 81 | 77 | 73 | 87 | 90 | 91 | 90 | 77 | 59 | 49 | 43 | 40 | 37 | 32 | 30 | 29 | 28 | 27 | 27 | 30 | 36 | 37 | 43 | 50 | 53 | 91 |
| 27 | 55 | 60 | 63 | 71 | 73 | 77 | 76 | 68 | 55 | 44 | 38 | 33 | 30 | 28 | 25 | 24 | 22 | 18 | 16 | 16 | 20 | 23 | 27 | 32 | 41 | 77 |
| 28 | 38 | 43 | 42 | 45 | 46 | 53 | 57 | 56 | 42 | 35 | 32 | 34 | 29 | 21 | 15 | 14 | 12 | 12 | 13 | 14 | 16 | 18 | 22 | 22 | 30 | 57 |
| 29 | 25 | 30 | 32 | 35 | 42 | 45 | 50 | 49 | 46 | 41 | 35 | 31 | 27 | 26 | 25 | 35 | 35 | 35 | 34 | 37 | 44 | 52 | 54 | 57 | 38 | 57 |
| 30 | 61 | 64 | 71 | 73 | 78 | 83 | 83 | 68 | 65 | 63 | 58 | 50 | 43 | 41 | 39 | 38 | 52 | 58 | 66 | 69 | 73 | 74 | 80 | 86 | 64 | 86 |
| 31 | 85 | 86 | 99 | 100 | 100 | 100 | 100 | 100 | 82 | 66 | 58 | 40 | 34 | 32 | 29 | 23 | 21 | 21 | 24 | 28 | 29 | 33 | 38 | 43 | 57 | 100 |
| AV | 70 | 72 | 75 | 77 | 80 | 81 | 83 | 79 | 72 | 64 | 54 | 48 | 44 | 43 | 38 | 39 | 42 | 41 | 43 | 48 | 52 | 56 | 60 | 66 | 60 | [ ] |
| SD | 24 | 22 | 21 | 21 | 19 | 19 | 18 | 18 | 19 | 21 | 20 | 18 | 18 | 19 | 18 | 19 | 23 | 21 | 23 | 24 | 24 | 24 | 24 | 25 | 18 | [ ] |

OUTPT [VERSION N 28 JUL 76]

RELATIVE HUMIDITY
(PERCENT)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JUNE,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 48 | 50 | 54 | 59 | 61 | 64 | 62 | 59 | 46 | 37 | 29 | 28 | 26 | 24 | 23 | 21 | 20 | 21 | 22 | 24 | 26 | 28 | 31 | 33 | 37 | 64 |
| 2 | 40 | 44 | 44 | 50 | 56 | 59 | 55 | 54 | 43 | 36 | 30 | 27 | 25 | 23 | 22 | 22 | 22 | 22 | 23 | 26 | 30 | 35 | 38 | 41 | 36 | 59 |
| 3 | 41 | 52 | 53 | 52 | 65 | 67 | 59 | 52 | 44 | 35 | 31 | 31 | 39 | 22 | 25 | 25 | 24 | 25 | 27 | 30 | 32 | 34 | 36 | 37 | 39 | 67 |
| 4 | 39 | 43 | 49 | 56 | 59 | 69 | 66 | 57 | 49 | 43 | 34 | 27 | 31 | 29 | 27 | 26 | 27 | 27 | 29 | 31 | 33 | 37 | 38 | 46 | 41 | 69 |
| 5 | 48 | 50 | 62 | 66 | 69 | 74 | 70 | 61 | 52 | 42 | 35 | 30 | 28 | 27 | 27 | 28 | 28 | 27 | 28 | 31 | 33 | 36 | 41 | 45 | 43 | 74 |
| 6 | 50 | 53 | 58 | 60 | 65 | 67 | 65 | 56 | 47 | 36 | 29 | 26 | 27 | 26 | 26 | 25 | 26 | 25 | 29 | 29 | 30 | 31 | 33 | 33 | 40 | 67 |
| 7 | 35 | 37 | 41 | 46 | 47 | 51 | 48 | 43 | 34 | 29 | 26 | 24 | 24 | 19 | 18 | 19 | 19 | 20 | 22 | 24 | 25 | 27 | 29 | 32 | 31 | 51 |
| 8 | 34 | 38 | 42 | 43 | 45 | 48 | 49 | 42 | 29 | 24 | 22 | 21 | 22 | 23 | 24 | 33 | 19 | 19 | 18 | 19 | 19 | 24 | 24 | 24 | 29 | 49 |
| 9 | 25 | 27 | 33 | 37 | 40 | 45 | 48 | 42 | 36 | 28 | 23 | 18 | 18 | 17 | 16 | 17 | 17 | 18 | 19 | 21 | 23 | 27 | 30 | 34 | 27 | 48 |
| 10 | 37 | 40 | 44 | 49 | 44 | 37 | 35 | 32 | 29 | 28 | 26 | 25 | 24 | 23 | 23 | 21 | 22 | 24 | 27 | 29 | 40 | 56 | 66 | 70 | 35 | 70 |
| 11 | 75 | 76 | 81 | 82 | 85 | 81 | 79 | 79 | 71 | 54 | 26 | 26 | 27 | 31 | 26 | 26 | 27 | 46 | 47 | 55 | 66 | 64 | 68 | 64 | 57 | 85 |
| 12 | 58 | 57 | 59 | 61 | 66 | 69 | 60 | 53 | 46 | 40 | 36 | 34 | 32 | 30 | 29 | 27 | 28 | 27 | 27 | 30 | 32 | 35 | 37 | 40 | 42 | 69 |
| 13 | 42 | 42 | 41 | 45 | 48 | 49 | 49 | 47 | 43 | 41 | 38 | 38 | 39 | 39 | 39 | 45 | 52 | 59 | 85 | 91 | 90 | 100 | 100 | 100 | 57 | 100 |
| 14 | 100 | 100 | 90 | 85 | 82 | 82 | 76 | 65 | 55 | 48 | 42 | 38 | 34 | 30 | 27 | 24 | 25 | 25 | 29 | 41 | 45 | 50 | 55 | 59 | 54 | 100 |
| 15 | 63 | 69 | 64 | 78 | 80 | 83 | 82 | 72 | 55 | 50 | 44 | 38 | 34 | 30 | 26 | 21 | 14 | 13 | 14 | 21 | 23 | 23 | 24 | 24 | 44 | 83 |
| 16 | 24 | 23 | 24 | 25 | 27 | 31 | 24 | 22 | 20 | 24 | 24 | 22 | 23 | 24 | 25 | 25 | 30 | 33 | 34 | 34 | 39 | 54 | 68 | 65 | 31 | 68 |
| 17 | 72 | 74 | 77 | 78 | 79 | 79 | 79 | 63 | 65 | 56 | 47 | 45 | 42 | 45 | 42 | 46 | 56 | 54 | 58 | 58 | 60 | 70 | 71 | 64 | 62 | 79 |
| 18 | 54 | 59 | 63 | 90 | 93 | 93 | 93 | 86 | 64 | 57 | 47 | 35 | 29 | 27 | 25 | 24 | 22 | 21 | 23 | 32 | 39 | 46 | 48 | 53 | 51 | 93 |
| 19 | 56 | 60 | 65 | 70 | 73 | 75 | 70 | 59 | 51 | 45 | 39 | 32 | 24 | 20 | 15 | 18 | 18 | 17 | 17 | 19 | 22 | 25 | 29 | 31 | 40 | 75 |
| 20 | 35 | 38 | 41 | 45 | 49 | 52 | 47 | 40 | 35 | 28 | 23 | 18 | 16 | 15 | 12 | 12 | 11 | 14 | 14 | 16 | 17 | 18 | 19 | 21 | 27 | 52 |
| 21 | 20 | 19 | 22 | 21 | 21 | 23 | 26 | 26 | 20 | 17 | 12 | 11 | 10 | 9 | 8 | 9 | 10 | 10 | 12 | 15 | 18 | 21 | 25 | 28 | 17 | 28 |
| 22 | 31 | 33 | 33 | 34 | 43 | 65 | 71 | 70 | 65 | 57 | 57 | 88 | 77 | 63 | 58 | 51 | 52 | 66 | 71 | 73 | 73 | 76 | 80 | 78 | 61 | 88 |
| 23 | 78 | 77 | 78 | 76 | 82 | 77 | 78 | 56 | 48 | 43 | 39 | 35 | 32 | 30 | 27 | 26 | 25 | 25 | 24 | 27 | 30 | 35 | 42 | 49 | 47 | 82 |
| 24 | 52 | 60 | 68 | 70 | 78 | 67 | 58 | 50 | 51 | 44 | 26 | 26 | 20 | 16 | 16 | 14 | 13 | 13 | 16 | 16 | 19 | 21 | 23 | 25 | 36 | 78 |
| 25 | 29 | 35 | 39 | 49 | 52 | 55 | 56 | 49 | 37 | 28 | 20 | 15 | 15 | 14 | 13 | 14 | 14 | 13 | 12 | 13 | 14 | 16 | 22 | 23 | 27 | 56 |
| 26 | 23 | 27 | 26 | 28 | 32 | 36 | 35 | 34 | 28 | 23 | 20 | 16 | 16 | 15 | 15 | 14 | 14 | 14 | 14 | 15 | 18 | 17 | 18 | 25 | 22 | 36 |
| 27 | 33 | 36 | 40 | 42 | 47 | 51 | 52 | 44 | 35 | 28 | 23 | 19 | 16 | 11 | 10 | 9 | 8 | 8 | 10 | 10 | 11 | 11 | 13 | 19 | 24 | 52 |
| 28 | 27 | 31 | 31 | 35 | 39 | 39 | 43 | 38 | 29 | 25 | 22 | 17 | 15 | 13 | 11 | 9 | 7 | 6 | 7 | 9 | 13 | 17 | 19 | 22 | 22 | 43 |
| 29 | 21 | 27 | 31 | 33 | 36 | 40 | 41 | 36 | 28 | 24 | 19 | 17 | 16 | 14 | 12 | 12 | 11 | 10 | 12 | 16 | 18 | 19 | 19 | 19 | 22 | 41 |
| 30 | 19 | 18 | 20 | 19 | 20 | 21 | 17 | 14 | 27 | 25 | 24 | 22 | 23 | 24 | 22 | 23 | 31 | 38 | 50 | 50 | 50 | 44 | 45 | 47 | 29 | 50 |
| 31 | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] |
| AV | 44 | 47 | 49 | 53 | 56 | 58 | 56 | 50 | 43 | 37 | 30 | 28 | 27 | 24 | 23 | 23 | 23 | 25 | 27 | 30 | 33 | 37 | 40 | 42 | 38 | [ ] |
| SD | 19 | 19 | 18 | 19 | 20 | 19 | 18 | 16 | 13 | 11 | 10 | 14 | 12 | 11 | 10 | 10 | 12 | 15 | 18 | 18 | 18 | 20 | 21 | 20 | 12 | [ ] |

OUTPT (VERSION N 28 JUL 76)

RELATIVE HUMIDITY
(PERCENT)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JULY,1976

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* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 51 | 55 | 59 | 61 | 66 | 64 | 60 | 53 | 47 | 42 | 39 | 37 | 36 | 34 | 25 | 21 | 21 | 21 | 23 | 24 | 28 | 33 | 37 | 38 | 41 | 66 |
| 2 | 45 | 48 | 47 | 48 | 53 | 54 | 55 | 55 | 51 | 46 | 40 | 35 | 29 | 27 | 13 | 12 | 12 | 10 | 10 | 11 | 17 | 19 | 21 | 27 | 33 | 55 |
| 3 | 40 | 50 | 58 | 82 | 61 | 63 | 60 | 54 | 45 | 34 | 31 | 24 | 17 | 14 | 13 | 13 | 12 | 12 | 12 | 9 | 6 | 8 | 9 | 12 | 31 | 82 |
| 4 | 16 | 18 | 22 | 24 | 28 | 27 | 31 | 26 | 21 | 18 | 14 | 12 | 12 | 8 | 8 | 5 | 2 | 2 | 2 | 3 | 4 | 6 | 9 | 12 | 14 | 31 |
| 5 | 14 | 16 | 19 | 22 | 22 | 26 | 26 | 26 | 21 | 17 | 13 | 11 | 10 | 8 | 8 | 8 | 8 | 9 | 9 | 10 | 11 | 12 | 14 | 18 | 15 | 26 |
| 6 | 17 | 19 | 22 | 22 | 25 | 29 | 30 | 29 | 26 | 20 | 18 | 15 | 14 | 12 | 11 | 10 | 10 | 13 | 15 | 16 | 19 | 21 | 23 | 23 | 19 | 30 |
| 7 | 26 | 26 | 27 | 30 | 34 | 35 | 35 | 34 | 29 | 24 | 20 | 18 | 19 | 18 | 21 | 20 | 19 | 18 | 20 | 22 | 24 | 25 | 29 | 32 | 25 | 35 |
| 8 | 32 | 34 | 37 | 38 | 42 | 43 | 46 | 43 | 36 | 30 | 26 | 21 | 17 | 14 | 14 | 15 | 14 | 13 | 14 | 17 | 18 | 20 | 21 | 21 | 26 | 46 |
| 9 | 22 | 24 | 26 | 26 | 26 | 27 | 31 | 29 | 20 | 18 | 16 | 13 | 10 | 9 | 11 | 11 | 11 | 11 | 12 | 13 | 15 | 17 | 22 | 24 | 19 | 31 |
| 10 | 24 | 25 | 27 | 30 | 31 | 32 | 33 | 33 | 31 | 26 | 21 | 18 | 15 | 13 | 13 | 15 | 16 | 16 | 17 | 18 | 19 | 23 | 29 | 30 | 23 | 33 |
| 11 | 33 | 34 | 37 | 41 | 45 | 46 | 45 | 41 | 34 | 31 | 27 | 22 | 19 | 19 | 16 | 16 | 17 | 17 | 22 | 23 | 24 | 28 | 29 | 30 | 29 | 46 |
| 12 | 31 | 31 | 33 | 35 | 35 | 36 | 37 | 35 | 33 | 33 | 31 | 28 | 31 | 33 | 32 | 38 | 36 | 33 | 33 | 35 | 40 | 44 | 43 | 44 | 35 | 44 |
| 13 | 47 | 52 | 55 | 61 | 65 | 68 | 66 | 63 | 54 | 47 | 42 | 34 | 27 | 20 | 17 | 17 | 18 | 18 | 20 | 21 | 23 | 24 | 25 | 27 | 38 | 68 |
| 14 | 30 | 33 | 37 | 40 | 44 | 42 | 46 | 41 | 32 | 27 | 22 | 19 | 17 | 18 | 18 | 19 | 18 | 20 | 21 | 22 | 22 | 26 | 30 | 31 | 28 | 46 |
| 15 | 34 | 40 | 44 | 46 | 46 | 51 | 52 | 43 | 38 | 28 | 23 | 19 | 16 | 12 | 9 | 9 | 8 | 9 | 10 | 10 | 12 | 12 | 15 | 18 | 25 | 52 |
| 16 | 21 | 21 | 24 | 25 | 35 | 31 | 33 | 36 | 34 | 31 | 24 | 21 | 18 | 15 | 14 | 15 | 11 | 10 | 10 | 11 | 13 | 14 | 14 | 22 | 21 | 36 |
| 17 | 23 | 25 | 28 | 29 | 34 | 36 | 40 | 40 | 35 | 31 | 29 | 27 | 26 | 25 | 22 | 22 | 26 | 31 | 40 | 49 | 57 | 59 | 82 | 89 | 38 | 89 |
| 18 | 82 | 97 | 91 | 91 | 96 | 92 | 97 | 90 | 85 | 82 | 69 | 73 | 67 | 56 | 58 | 54 | 54 | 63 | 56 | 60 | 65 | 62 | 74 | 78 | 75 | 97 |
| 19 | 74 | 74 | 78 | 81 | 83 | 85 | 83 | 76 | 71 | 60 | 53 | 44 | 37 | 33 | 37 | 36 | 34 | 34 | 42 | 54 | 48 | 51 | 71 | 71 | 59 | 85 |
| 20 | 71 | 75 | 80 | 83 | 85 | 85 | 87 | 81 | 75 | 59 | 55 | 48 | 38 | 36 | 33 | 41 | 45 | 47 | 45 | 48 | 48 | 50 | 56 | 60 | 60 | 87 |
| 21 | 69 | 71 | 75 | 78 | 79 | 82 | 81 | 74 | 60 | 46 | 38 | 29 | 23 | 19 | 17 | 16 | 17 | 18 | 19 | 20 | 24 | 29 | 31 | 34 | 44 | 82 |
| 22 | 37 | 40 | 47 | 52 | 52 | 55 | 56 | 48 | 40 | 34 | 29 | 25 | 20 | 18 | 14 | 14 | 15 | 16 | 16 | 17 | 19 | 21 | 24 | 28 | 31 | 56 |
| 23 | 32 | 34 | 37 | 42 | 44 | 49 | 48 | 40 | 34 | 29 | 25 | 22 | 17 | 15 | 12 | 12 | 12 | 13 | 12 | 13 | 12 | 15 | 24 | 27 | 26 | 49 |
| 24 | 31 | 33 | 35 | 35 | 40 | 41 | 41 | 38 | 33 | 27 | 24 | 22 | 22 | 20 | 19 | 17 | 21 | 22 | 22 | 21 | 25 | 27 | 27 | 29 | 28 | 41 |
| 25 | 32 | 36 | 34 | 37 | 41 | 43 | 43 | 40 | 38 | 36 | 36 | 33 | 31 | 37 | 36 | 49 | 60 | 62 | 63 | 70 | 70 | 63 | 67 | 67 | 47 | 70 |
| 26 | 69 | 74 | 79 | 79 | 82 | 84 | 82 | 79 | 76 | 69 | 60 | 55 | 45 | 41 | 35 | 40 | 39 | 37 | 39 | 38 | 40 | 41 | 42 | 40 | 57 | 84 |
| 27 | 46 | 57 | 57 | 60 | 55 | 74 | 69 | 56 | 45 | 40 | 31 | 25 | 19 | 19 | 17 | 17 | 17 | 19 | 21 | 23 | 25 | 28 | 30 | 34 | 37 | 74 |
| 28 | 36 | 41 | 44 | 46 | 51 | 54 | 55 | 49 | 44 | 37 | 29 | 20 | 17 | 16 | 19 | 21 | 20 | 20 | 20 | 23 | 25 | 28 | 30 | 33 | 32 | 55 |
| 29 | 34 | 36 | 39 | 40 | 43 | 48 | 47 | 43 | 39 | 31 | 30 | 26 | 23 | 27 | 27 | 27 | 24 | 25 | 25 | 25 | 28 | 28 | 31 | 31 | 32 | 48 |
| 30 | 37 | 37 | 38 | 47 | 49 | 51 | 53 | 51 | 56 | 43 | 38 | 32 | 29 | 28 | 26 | 24 | 24 | 24 | 28 | 31 | 38 | 40 | 48 | 52 | 39 | 54 |
| 31 | 54 | 54 | 57 | 64 | 67 | 71 | 71 | 68 | 64 | 57 | 53 | 44 | 38 | 35 | 34 | 34 | 32 | 44 | 49 | 39 | 45 | 61 | 68 | 71 | 53 | 71 |
| AV | 39 | 42 | 45 | 48 | 50 | 52 | 53 | 49 | 43 | 37 | 32 | 28 | 24 | 23 | 21 | 22 | 22 | 23 | 24 | 26 | 28 | 30 | 35 | 37 | 35 | [ ] |
| 80 | 18 | 19 | 19 | 20 | 19 | 19 | 19 | 17 | 17 | 15 | 14 | 13 | 12 | 11 | 11 | 12 | 13 | 15 | 15 | 16 | 16 | 16 | 20 | 20 | 14 | [ ] |

OUTPT [VERSION N 28 JUL 76]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

MAY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.5 | 3.0 | 2.0 | 1.5 | 3.5 | 3.5 | 3.5 | 3.0 | 3.5 | 4.0 | 4.5 | 7.0 | 7.0 | 7.0 | 7.0 | 7.5 | 7.0 | 5.5 | 3.5 | 4.0 | 6.0 | 3.5 | 2.5 | 3.0 | 4.5 | 7.5 |
| 2 | 2.0 | 2.0 | 1.5 | 1.5 | 4.5 | 5.5 | 4.0 | 5.0 | 3.5 | 4.0 | 4.5 | 6.5 | 6.5 | 6.5 | 5.0 | 4.5 | 4.0 | 3.5 | 2.0 | 3.5 | 4.0 | 6.5 | 6.0 | 7.5 | 4.5 | 7.5 |
| 3 | 6.5 | 4.5 | 3.5 | 5.0 | 4.0 | 4.5 | 4.5 | 4.0 | 3.5 | 4.5 | 4.5 | 4.5 | 6.5 | 11.5 | 13.5 | 11.0 | 11.0 | 14.0 | 10.5 | 3.0 | 3.0 | 6.5 | 5.0 | 2.5 | 6.5 | 14.0 |
| 4 | 3.0 | 9.0 | 10.0 | 9.0 | 7.5 | 10.0 | 11.5 | 15.0 | 15.5 | 20.0 | 17.0 | 17.0 | 18.5 | 16.5 | 11.5 | 13.5 | 9.5 | 14.5 | 7.5 | 4.5 | 4.0 | 2.5 | 5.5 | 4.0 | 10.5 | 20.0 |
| 5 | 3.5 | 3.0 | 3.0 | 3.5 | 4.0 | 3.0 | 3.0 | 3.0 | 4.0 | 4.0 | 4.5 | 7.0 | 9.5 | 9.0 | 8.0 | 9.5 | 9.5 | 8.5 | 8.5 | 7.0 | 7.5 | 11.5 | 9.0 | 11.5 | 6.5 | 11.5 |
| 6 | 13.5 | 11.5 | 6.5 | 2.5 | 4.0 | 3.5 | 2.5 | 5.5 | 7.0 | 6.0 | 11.5 | 7.5 | 12.5 | 4.0 | 6.5 | 8.5 | 4.5 | 3.5 | 4.0 | 6.5 | 3.5 | 2.0 | 2.0 | 2.0 | 6.0 | 13.5 |
| 7 | 2.0 | 1.5 | 2.5 | 3.5 | 2.5 | 2.0 | 3.5 | 4.0 | 6.5 | 8.5 | 6.0 | 5.0 | 9.5 | 9.5 | 6.0 | 8.0 | 4.5 | 3.5 | 12.5 | 5.0 | 1.0 | 2.5 | 4.0 | 2.5 | 5.0 | 12.5 |
| 8 | 2.0 | 5.5 | 5.0 | 3.5 | 4.0 | 2.5 | 4.5 | 6.0 | 7.0 | 5.5 | 6.0 | 5.5 | 4.0 | 4.5 | 5.5 | 8.5 | 8.0 | 4.5 | 2.5 | 3.5 | 4.5 | 4.5 | 2.0 | 3.0 | 4.5 | 8.5 |
| 9 | 2.0 | 1.5 | 1.0 | 2.0 | 2.5 | 3.0 | 2.0 | 2.5 | 2.5 | 3.5 | 5.0 | 4.5 | 4.5 | 5.5 | 6.0 | 6.5 | 9.5 | 9.5 | 9.5 | 7.5 | 5.0 | 6.5 | 6.5 | 4.0 | 4.5 | 9.5 |
| 10 | 5.0 | 5.0 | 5.0 | 2.5 | 3.5 | 5.0 | 3.5 | 3.0 | 3.5 | 5.0 | 4.5 | 5.0 | 4.0 | 8.5 | 12.0 | 6.5 | 7.5 | 6.5 | 5.5 | 3.5 | 3.0 | 3.5 | 2.5 | 3.5 | 5.0 | 12.0 |
| 11 | 3.0 | 3.0 | 3.5 | 3.5 | 2.5 | 2.0 | 2.0 | 3.0 | 4.5 | 6.0 | 11.0 | 17.0 | 16.5 | 10.5 | 17.5 | 21.0 | 22.0 | 21.5 | 20.5 | 17.0 | 19.0 | 14.0 | 10.0 | 5.0 | 10.5 | 22.0 |
| 12 | 4.5 | 3.5 | 3.0 | 4.0 | 4.5 | 3.5 | 3.5 | 3.5 | 4.5 | 9.0 | 18.5 | 17.0 | 16.0 | 13.0 | 11.5 | 10.0 | 12.5 | 11.5 | 12.0 | 5.0 | 5.0 | 4.5 | 3.0 | 4.5 | 8.0 | 18.5 |
| 13 | 5.5 | 5.0 | 3.5 | 5.5 | 5.5 | 5.0 | 4.0 | 4.0 | 3.5 | 4.0 | 4.5 | 5.5 | 6.0 | 6.5 | 5.5 | 5.0 | 4.0 | 4.5 | 5.0 | 2.0 | 5.5 | 4.0 | 3.5 | 4.0 | 4.5 | 6.5 |
| 14 | 3.0 | 4.5 | 5.0 | 5.5 | 5.0 | 4.0 | 3.5 | 4.5 | 3.0 | 4.0 | 4.5 | 5.5 | 5.5 | 5.5 | 4.5 | 15.0 | 12.5 | 13.5 | 9.5 | 3.0 | 4.0 | 2.5 | 3.5 | 5.5 | 5.5 | 15.0 |
| 15 | 10.5 | 7.5 | 9.5 | 11.5 | 10.0 | 15.0 | 14.5 | 15.0 | 16.0 | 15.0 | 13.5 | 12.5 | 14.5 | 18.5 | 18.5 | 17.5 | 17.0 | 19.5 | 18.5 | 17.5 | 17.0 | 17.0 | 13.5 | 15.0 | 15.0 | 19.5 |
| 16 | 11.5 | 7.5 | 6.5 | 6.5 | 6.5 | 2.0 | 3.5 | 6.5 | 6.0 | 6.5 | 6.5 | 6.5 | 6.5 | 6.0 | 6.0 | 5.5 | 5.0 | 4.0 | 2.5 | 2.5 | 4.0 | 3.0 | 4.5 | 6.0 | 5.5 | 11.5 |
| 17 | 5.5 | 4.5 | 4.0 | 4.0 | 4.0 | 4.0 | 3.5 | 3.5 | 3.0 | 4.0 | 4.0 | 4.5 | 5.5 | 7.5 | 5.5 | 7.0 | 5.0 | 5.0 | 3.0 | 4.5 | 7.0 | 3.5 | 3.0 | 4.5 | 4.5 | 7.5 |
| 18 | 4.0 | 2.5 | 2.5 | 5.0 | 4.0 | 3.0 | 2.0 | 2.0 | 3.5 | 5.5 | 6.0 | 6.0 | 7.0 | 14.0 | 15.0 | 12.5 | 8.5 | 9.0 | 10.0 | 9.0 | 11.5 | 6.0 | 5.5 | 4.0 | 6.5 | 15.0 |
| 19 | 5.0 | 3.0 | 2.0 | 5.0 | 5.0 | 1.5 | 2.0 | 4.0 | 3.5 | 5.5 | 8.5 | 6.0 | 8.5 | 14.0 | 13.5 | 12.0 | 12.5 | 5.5 | 3.0 | 3.0 | 9.5 | 6.5 | 5.5 | 4.0 | 6.0 | 14.0 |
| 20 | 6.0 | 4.0 | 4.0 | 2.5 | 3.0 | 3.0 | 4.5 | 3.5 | 6.0 | 6.0 | 8.0 | 7.5 | 8.0 | 10.5 | 11.5 | 10.0 | 10.0 | 7.0 | 9.0 | 4.5 | 4.0 | 4.5 | 2.5 | 1.5 | 6.0 | 11.5 |
| 21 | 2.0 | 2.5 | 1.5 | 2.5 | 2.0 | 2.0 | 2.5 | 3.5 | 5.0 | 4.0 | 10.0 | 10.5 | 12.0 | 6.0 | 4.5 | 2.5 | 1.5 | 4.5 | 3.5 | 3.0 | 3.5 | 6.5 | 2.5 | 5.0 | 4.5 | 12.0 |
| 22 | 2.0 | 3.0 | 2.0 | 1.5 | 2.0 | 1.5 | 1.0 | 1.5 | 2.0 | 3.0 | 5.5 | 5.5 | 9.0 | 6.5 | 5.5 | 4.5 | 17.0 | 13.0 | 8.0 | 4.0 | 4.5 | 3.0 | 2.5 | 2.0 | 4.5 | 17.0 |
| 23 | 4.5 | 4.0 | 3.0 | 2.0 | 2.0 | 3.0 | 2.5 | 2.5 | 3.0 | 3.5 | 4.0 | 5.5 | 4.5 | 7.0 | 6.0 | 5.5 | 6.5 | 6.5 | 8.5 | 7.5 | 5.0 | 5.5 | 5.0 | 7.5 | 4.5 | 8.5 |
| 24 | 7.5 | 8.5 | 7.0 | 7.5 | 14.5 | 6.0 | 4.5 | 4.5 | 5.0 | 5.0 | 5.5 | 5.0 | 5.5 | 6.5 | 9.0 | 11.5 | 10.5 | 8.0 | 6.0 | 3.5 | 3.0 | 1.5 | 5.0 | 7.0 | 6.5 | 14.5 |
| 25 | 5.0 | 5.0 | 3.5 | 3.0 | 2.5 | 2.5 | 3.0 | 2.0 | 3.5 | 3.5 | 4.5 | 7.0 | 11.0 | 11.5 | 16.0 | 15.0 | 7.0 | 5.5 | 5.5 | 3.0 | 2.0 | 5.5 | 4.5 | 4.5 | 5.5 | 16.0 |
| 26 | 5.0 | 4.5 | 5.0 | 5.0 | 2.5 | 2.5 | 1.5 | 2.0 | 3.0 | 5.0 | 5.5 | 5.0 | 7.0 | 6.5 | 6.5 | 6.5 | 5.0 | 4.0 | 3.5 | 5.0 | 5.0 | 3.5 | 5.5 | 6.0 | 4.5 | 7.0 |
| 27 | 5.5 | 2.5 | 5.5 | 5.5 | 4.0 | 1.5 | 3.0 | 2.5 | 2.5 | 4.0 | 4.0 | 6.0 | 7.5 | 7.0 | 7.5 | 7.0 | 6.5 | 5.5 | 4.5 | 5.5 | 5.5 | 5.0 | 5.0 | 4.5 | 5.0 | 7.5 |
| 28 | 5.0 | 3.5 | 1.5 | 1.0 | 1.0 | 1.0 | 1.5 | 1.5 | 3.0 | 4.0 | 7.5 | 12.5 | 9.5 | 11.5 | 12.5 | 16.0 | 18.0 | 16.0 | 13.0 | 12.5 | 6.5 | 3.5 | 6.5 | 2.0 | 7.0 | 18.0 |
| 29 | 3.5 | 4.0 | 1.0 | 1.5 | 1.5 | 1.0 | 2.5 | 5.5 | 3.0 | 4.5 | 4.5 | 5.5 | 6.0 | 7.5 | 5.5 | 13.0 | 10.5 | 9.5 | 11.0 | 8.5 | 9.5 | 9.5 | 5.0 | 2.5 | 5.5 | 13.0 |
| 30 | 5.5 | 2.5 | 2.5 | 2.0 | 3.5 | 3.0 | 2.5 | 5.0 | 4.5 | 5.0 | 3.5 | 6.0 | 6.5 | 7.0 | 5.0 | 6.5 | 12.5 | 7.0 | 10.0 | 8.5 | 5.0 | 4.0 | 4.5 | 5.0 | 5.5 | 12.5 |
| 31 | 5.0 | 3.0 | 2.0 | 3.5 | 4.0 | 2.0 | 1.5 | 3.0 | 3.0 | 3.5 | 5.0 | 6.5 | 8.5 | 6.5 | 6.5 | 9.5 | 11.5 | 9.5 | 4.5 | 3.5 | 4.0 | 6.0 | 5.0 | 4.0 | 5.0 | 11.5 |
| AV | 5.0 | 4.5 | 4.0 | 4.0 | 4.0 | 3.5 | 3.5 | 4.5 | 5.0 | 5.5 | 7.0 | 7.5 | 8.5 | 9.0 | 9.0 | 9.5 | 9.5 | 8.5 | 7.5 | 6.0 | 6.0 | 5.5 | 5.0 | 5.0 | 6.0 | [ ] |
| SD | 2.7 | 2.2 | 2.2 | 2.3 | 2.6 | 2.7 | 2.7 | 3.1 | 3.2 | 3.4 | 3.8 | 3.7 | 3.7 | 3.5 | 4.1 | 4.2 | 4.5 | 4.7 | 4.5 | 3.8 | 3.9 | 3.4 | 2.4 | 2.7 | 2.2 | [ ] |

OUTPT [VERSION N 28 JUL 76]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

JUNE,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.5 | 3.5 | 4.0 | 4.5 | 2.5 | 1.5 | 1.5 | 3.0 | 3.0 | 3.5 | 6.0 | 6.5 | 6.0 | 8.0 | 11.5 | 13.5 | 14.5 | 14.0 | 10.5 | 6.0 | 2.5 | 2.0 | 4.5 | 4.0 | 6.0 | 14.5 |
| 2 | 5.0 | 2.5 | 2.5 | 2.5 | 1.5 | 2.5 | 1.0 | 3.5 | 3.5 | 3.5 | 5.0 | 8.5 | 12.5 | 6.5 | 14.0 | 15.5 | 14.5 | 12.0 | 12.0 | 10.5 | 6.5 | 3.5 | 4.5 | 4.0 | 6.5 | 15.5 |
| 3 | 5.5 | 4.0 | 4.0 | 3.0 | 3.5 | 2.5 | 4.0 | 2.5 | 3.5 | 12.5 | 19.5 | 17.5 | 18.0 | 19.5 | 17.0 | 20.0 | 18.5 | 17.0 | 16.0 | 12.0 | 9.5 | 5.0 | 5.5 | 2.5 | 10.0 | 20.0 |
| 4 | 4.0 | 3.5 | 3.5 | 4.0 | 3.0 | 2.5 | 2.5 | 2.5 | 3.5 | 4.0 | 6.0 | 12.5 | 15.0 | 16.5 | 15.5 | 15.5 | 13.5 | 14.5 | 12.5 | 9.5 | 7.5 | 2.0 | 2.5 | 4.5 | 7.5 | 16.5 |
| 5 | 3.5 | 4.5 | 6.5 | 3.5 | 4.0 | 3.5 | 1.5 | 2.5 | 3.5 | 5.0 | 6.5 | 6.0 | 11.0 | 12.5 | 10.5 | 13.0 | 13.5 | 11.5 | 11.0 | 8.0 | 1.5 | 3.5 | 5.0 | 4.5 | 6.5 | 13.5 |
| 6 | 5.0 | 5.0 | 4.5 | 3.5 | 2.5 | 3.0 | 2.5 | 3.0 | 2.5 | 8.0 | 17.0 | 17.0 | 15.5 | 14.5 | 13.0 | 11.5 | 10.0 | 12.5 | 15.0 | 10.5 | 7.0 | 2.5 | 7.5 | 3.5 | 8.0 | 17.0 |
| 7 | 6.5 | 6.0 | 7.5 | 4.0 | 3.5 | 1.0 | 1.5 | 1.5 | 4.0 | 6.5 | 9.0 | 10.0 | 8.5 | 12.0 | 14.0 | 13.0 | 15.0 | 12.0 | 11.5 | 7.5 | 5.0 | 5.5 | 5.0 | 2.5 | 7.0 | 15.0 |
| 8 | 4.0 | 4.5 | 4.0 | 3.0 | 1.5 | 4.5 | 2.5 | 3.5 | 8.0 | 13.5 | 14.5 | 16.5 | 18.0 | 18.5 | 15.5 | 11.0 | 16.0 | 15.5 | 13.5 | 12.5 | 6.0 | 5.5 | 6.0 | 3.0 | 9.5 | 18.5 |
| 9 | 2.0 | 1.5 | 3.0 | 3.0 | 3.5 | 2.5 | 2.0 | 2.5 | 4.0 | 6.0 | 7.5 | 12.0 | 18.0 | 17.0 | 17.0 | 18.5 | 17.5 | 17.5 | 17.0 | 13.0 | 7.0 | 1.5 | 4.0 | 5.5 | 8.5 | 18.5 |
| 10 | 5.0 | 5.5 | 6.0 | 4.5 | 2.5 | 4.0 | 2.5 | 10.0 | 17.0 | 17.5 | 18.5 | 19.5 | 18.5 | 22.0 | 22.5 | 24.5 | 24.5 | 22.5 | 21.5 | 18.5 | 15.5 | 11.5 | 9.0 | 4.5 | 13.5 | 24.5 |
| 11 | 3.5 | 2.0 | 1.0 | 1.5 | 4.0 | 3.5 | 11.0 | 10.0 | 13.5 | 19.0 | 17.0 | 18.5 | 15.5 | 12.5 | 15.0 | 16.0 | 16.5 | 18.0 | 15.5 | 17.0 | 7.5 | 4.0 | 6.0 | 6.5 | 10.5 | 19.0 |
| 12 | 7.5 | 5.5 | 4.5 | 2.5 | 4.0 | 3.5 | 1.0 | 3.5 | 7.5 | 10.0 | 10.5 | 12.0 | 12.5 | 12.5 | 15.5 | 13.5 | 11.0 | 10.5 | 12.5 | 8.0 | 9.5 | 6.0 | 3.0 | 3.5 | 8.0 | 15.5 |
| 13 | 3.5 | 3.0 | 7.0 | 7.0 | 3.0 | 3.0 | 4.0 | 3.5 | 5.0 | 5.0 | 9.5 | 12.5 | 9.5 | 9.0 | 9.5 | 11.0 | 14.5 | 16.5 | 5.5 | 8.0 | 11.5 | 9.0 | 10.5 | 13.5 | 8.0 | 16.5 |
| 14 | 10.0 | 6.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.5 | 5.5 | 10.0 | 9.5 | 8.0 | 9.0 | 8.0 | 7.0 | 8.5 | 6.0 | 5.0 | 6.5 | 12.0 | 17.0 | 14.5 | 6.0 | 4.5 | 2.5 | 6.5 | 17.0 |
| 15 | 4.0 | 4.0 | 3.5 | 1.0 | 1.5 | 1.5 | 1.5 | 2.5 | 3.5 | 5.0 | 4.0 | 5.0 | 5.5 | 5.5 | 7.5 | 6.5 | 5.0 | 3.5 | 2.0 | 7.5 | 9.0 | 6.5 | 4.5 | 6.0 | 4.5 | 9.0 |
| 16 | 3.5 | 4.5 | 7.0 | 3.5 | 5.0 | 2.5 | 2.5 | 3.0 | 6.0 | 6.5 | 6.5 | 5.0 | 9.0 | 11.5 | 8.5 | 12.5 | 17.0 | 15.5 | 14.5 | 16.5 | 14.0 | 8.0 | 11.0 | 11.0 | 8.5 | 17.0 |
| 17 | 7.0 | 5.5 | 5.5 | 4.0 | 2.0 | 3.0 | 2.5 | 1.5 | 2.0 | 3.5 | 5.5 | 6.0 | 8.5 | 8.5 | 9.0 | 9.0 | 11.5 | 5.5 | 5.5 | 3.0 | 3.5 | 9.5 | 8.5 | 6.5 | 5.5 | 11.5 |
| 18 | 5.5 | 3.0 | 3.5 | 3.0 | 3.0 | 3.5 | 3.0 | 3.5 | 4.0 | 4.5 | 9.5 | 12.0 | 9.0 | 8.5 | 7.0 | 7.5 | 5.5 | 8.0 | 13.0 | 15.5 | 17.0 | 14.0 | 10.5 | 9.0 | 7.5 | 17.0 |
| 19 | 8.0 | 7.5 | 3.0 | 3.0 | 2.5 | 2.0 | 1.0 | 4.0 | 5.0 | 4.0 | 4.0 | 5.5 | 5.5 | 7.0 | 6.0 | 5.5 | 5.0 | 4.0 | 2.5 | 6.5 | 9.0 | 5.5 | 5.0 | 4.0 | 5.0 | 9.0 |
| 20 | 4.0 | 1.5 | 2.5 | 1.5 | 1.0 | 1.5 | 2.5 | 2.5 | 3.0 | 5.0 | 4.5 | 6.5 | 10.5 | 17.0 | 18.0 | 17.5 | 17.0 | 16.5 | 16.5 | 15.5 | 12.5 | 11.0 | 5.0 | 2.5 | 8.0 | 18.0 |
| 21 | 2.5 | 3.0 | 5.5 | 4.0 | 3.5 | 3.0 | 1.5 | 3.0 | 5.0 | 6.0 | 11.0 | 18.0 | 16.5 | 18.5 | 19.0 | 16.0 | 14.5 | 15.5 | 14.5 | 16.0 | 12.5 | 10.0 | 11.0 | 10.0 | 10.0 | 19.0 |
| 22 | 9.5 | 9.0 | 10.5 | 16.0 | 21.0 | 12.0 | 11.0 | 14.5 | 14.5 | 8.5 | 10.0 | 6.0 | 6.0 | 8.0 | 7.0 | 14.5 | 14.5 | 16.0 | 4.0 | 4.0 | 4.5 | 3.0 | 6.0 | 2.0 | 9.5 | 21.0 |
| 23 | 2.0 | 2.5 | 4.0 | 2.5 | 1.0 | 1.5 | 2.5 | 8.0 | 11.5 | 10.0 | 8.5 | 11.0 | 12.5 | 11.5 | 15.0 | 15.0 | 16.5 | 21.0 | 23.0 | 21.5 | 13.5 | 3.5 | 2.5 | 4.5 | 9.5 | 23.0 |
| 24 | 3.5 | 2.0 | 1.0 | 1.0 | 3.5 | 2.5 | 2.0 | 1.5 | 5.5 | 8.0 | 8.5 | 10.0 | 10.5 | 11.5 | 10.0 | 7.0 | 6.0 | 14.5 | 15.5 | 15.5 | 13.0 | 7.5 | 7.5 | 3.0 | 7.0 | 15.5 |
| 25 | 5.5 | 5.0 | 4.0 | 1.5 | 3.5 | 3.5 | 1.5 | 1.5 | 3.0 | 6.0 | 9.0 | 16.5 | 17.5 | 18.0 | 18.0 | 14.5 | 11.5 | 15.0 | 16.0 | 14.0 | 13.0 | 7.0 | 3.0 | 1.5 | 8.5 | 18.0 |
| 26 | 1.0 | 5.0 | 2.0 | 7.0 | 4.5 | 3.5 | 3.0 | 4.5 | 5.0 | 6.0 | 6.0 | 7.5 | 7.0 | 7.5 | 7.5 | 7.0 | 5.5 | 5.5 | 5.5 | 5.5 | 6.0 | 2.5 | 1.5 | 2.0 | 5.0 | 7.5 |
| 27 | 5.5 | 6.0 | 5.5 | 3.5 | 5.0 | 4.5 | 4.0 | 2.5 | 3.0 | 4.0 | 3.5 | 5.0 | 5.5 | 10.0 | 9.0 | 10.5 | 11.0 | 7.5 | 6.0 | 4.0 | 3.0 | 6.5 | 6.0 | 7.5 | 6.0 | 11.0 |
| 28 | 4.5 | 7.0 | 3.5 | 2.5 | 1.5 | 2.0 | 1.0 | 2.5 | 5.0 | 3.0 | 5.5 | 5.0 | 6.5 | 6.0 | 6.0 | 8.0 | 7.5 | 6.5 | 7.5 | 7.5 | 10.0 | 10.5 | 7.0 | 4.0 | 5.5 | 10.5 |
| 29 | 1.5 | 1.0 | 2.0 | 1.0 | 2.0 | 2.5 | 2.0 | 1.5 | 3.0 | 4.0 | 3.5 | 4.5 | 5.0 | 7.0 | 17.0 | 11.0 | 6.0 | 4.0 | 9.0 | 12.5 | 14.0 | 10.0 | 12.5 | 15.0 | 6.5 | 17.0 |
| 30 | 10.0 | 4.0 | 7.5 | 4.0 | 4.0 | 1.5 | 1.5 | 6.0 | 13.5 | 13.0 | 15.0 | 12.0 | 17.0 | 18.5 | 17.0 | 16.5 | 16.0 | 9.0 | 7.0 | 7.0 | 6.0 | 3.0 | 3.5 | 5.0 | 9.0 | 18.5 |
| 31 | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] |
| AV | 5.0 | 4.0 | 4.5 | 3.5 | 3.5 | 3.0 | 2.5 | 4.0 | 6.0 | 7.5 | 9.0 | 10.5 | 11.5 | 12.0 | 12.5 | 12.5 | 12.5 | 12.5 | 11.5 | 11.0 | 9.0 | 6.0 | 6.0 | 5.5 | 7.5 | [ ] |
| SD | 2.3 | 1.9 | 2.2 | 2.7 | 3.4 | 1.9 | 2.4 | 2.9 | 4.0 | 4.1 | 4.5 | 4.7 | 4.5 | 4.7 | 4.5 | 4.4 | 4.9 | 5.1 | 5.2 | 4.8 | 4.1 | 3.3 | 2.8 | 3.3 | 2.0 | [ ] |

OUTPT [VERSION N 28 JUL 76]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

JULY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.5 | 3.5 | 7.5 | 3.0 | 5.0 | 4.0 | 4.0 | 5.5 | 9.0 | 7.0 | 6.5 | 7.5 | 8.0 | 9.5 | 11.5 | 13.5 | 13.0 | 12.5 | 9.5 | 8.0 | 2.0 | 4.5 | 4.5 | 8.5 | 7.0 | 13.5 |
| 2 | 5.0 | 11.5 | 18.5 | 17.5 | 7.5 | 3.0 | 2.0 | 2.0 | 4.0 | 4.0 | 6.5 | 7.0 | 7.0 | 8.0 | 13.5 | 15.5 | 16.5 | 14.0 | 8.5 | 6.5 | 7.0 | 11.0 | 6.5 | 8.0 | 9.0 | 18.5 |
| 3 | 10.0 | 11.0 | 12.0 | 5.0 | 3.5 | 2.5 | 1.0 | 3.5 | 3.0 | 5.0 | 5.0 | 4.5 | 5.5 | 7.5 | 8.0 | 6.5 | 5.0 | 4.5 | 6.0 | 4.5 | 3.0 | 3.5 | 2.5 | 4.0 | 5.5 | 12.0 |
| 4 | 4.5 | 3.0 | 3.0 | 2.0 | 6.5 | 3.5 | 3.5 | 3.5 | 3.0 | 4.0 | 4.5 | 6.0 | 6.5 | 11.5 | 9.0 | 10.5 | 13.0 | 10.5 | 9.0 | 4.0 | 4.0 | 4.5 | 2.0 | 5.0 | 5.5 | 13.0 |
| 5 | 4.5 | 4.0 | 5.0 | 4.0 | 3.5 | 2.5 | 3.5 | 2.0 | 3.0 | 4.5 | 6.5 | 6.0 | 6.0 | 5.5 | 8.5 | 7.0 | 6.0 | 7.0 | 6.5 | 7.5 | 5.5 | 4.0 | 5.0 | 6.0 | 5.0 | 8.5 |
| 6 | 4.0 | 5.0 | 2.5 | 1.0 | 1.0 | 2.5 | 1.5 | 1.0 | 4.0 | 3.5 | 5.5 | 6.5 | 5.5 | 6.5 | 8.0 | 7.5 | 7.5 | 13.0 | 10.0 | 9.5 | 7.5 | 3.5 | 4.0 | 2.0 | 5.0 | 13.0 |
| 7 | 2.5 | 3.0 | 6.0 | 4.0 | 1.0 | 2.0 | 1.0 | 1.0 | 2.5 | 4.5 | 9.0 | 8.0 | 8.5 | 11.5 | 19.0 | 11.5 | 7.0 | 13.5 | 15.5 | 7.5 | 9.5 | 8.0 | 13.0 | 7.5 | 7.5 | 19.0 |
| 8 | 5.5 | 3.5 | 5.0 | 5.0 | 3.0 | 1.5 | 1.0 | 2.5 | 3.5 | 5.0 | 6.5 | 8.5 | 9.0 | 8.5 | 8.5 | 9.5 | 11.5 | 6.0 | 4.5 | 3.5 | 5.0 | 6.0 | 6.5 | 3.0 | 5.5 | 11.5 |
| 9 | 6.0 | 4.5 | 1.5 | 1.5 | 2.0 | 1.0 | 1.0 | 2.5 | 5.0 | 5.5 | 7.0 | 6.0 | 7.5 | 8.5 | 12.0 | 9.0 | 8.5 | 6.0 | 6.0 | 4.0 | 4.5 | 3.5 | 7.0 | 9.0 | 5.5 | 12.0 |
| 10 | 6.5 | 6.5 | 5.0 | 4.0 | 2.5 | 3.5 | 2.0 | 3.0 | 2.5 | 6.5 | 6.5 | 5.5 | 6.0 | 5.5 | 9.5 | 16.5 | 13.0 | 8.5 | 6.5 | 5.5 | 11.5 | 10.0 | 5.0 | 4.5 | 6.5 | 16.5 |
| 11 | 3.5 | 3.0 | 1.0 | 3.0 | 4.0 | 3.5 | 3.5 | 2.0 | 3.0 | 5.0 | 4.5 | 5.0 | 4.5 | 6.5 | 6.0 | 14.0 | 10.0 | 8.5 | 18.0 | 8.5 | 3.0 | 2.5 | 3.5 | 2.5 | 5.5 | 18.0 |
| 12 | 3.0 | 4.0 | 3.5 | 4.0 | 7.0 | 8.0 | 2.5 | 4.0 | 4.0 | 5.0 | 6.0 | 6.5 | 14.0 | 10.0 | 7.0 | 7.5 | 6.5 | 7.5 | 3.5 | 10.5 | 8.5 | 5.0 | 4.5 | 5.0 | 6.0 | 14.0 |
| 13 | 5.0 | 6.5 | 3.5 | 4.0 | 3.0 | 4.0 | 3.0 | 5.0 | 4.0 | 5.0 | 5.5 | 7.0 | 7.5 | 9.0 | 8.5 | 10.0 | 8.0 | 5.5 | 4.0 | 4.5 | 6.5 | 4.0 | 6.5 | 7.0 | 5.5 | 10.0 |
| 14 | 3.5 | 1.5 | 2.5 | 3.5 | 3.5 | 3.0 | 2.5 | 3.0 | 3.5 | 4.5 | 7.5 | 6.0 | 6.5 | 9.5 | 17.0 | 15.5 | 10.0 | 9.0 | 7.0 | 4.5 | 5.5 | 4.5 | 3.0 | 4.0 | 6.0 | 17.0 |
| 15 | 3.0 | 3.0 | 4.0 | 4.0 | 4.5 | 5.5 | 4.0 | 2.0 | 5.0 | 6.5 | 6.0 | 8.5 | 7.5 | 7.5 | 7.0 | 8.5 | 5.5 | 5.5 | 5.5 | 4.5 | 8.0 | 9.0 | 5.5 | 4.5 | 5.5 | 9.0 |
| 16 | 4.5 | 3.0 | 1.5 | 1.0 | 3.5 | 2.5 | 1.0 | 3.0 | 2.0 | 3.0 | 3.5 | 5.0 | 5.5 | 8.0 | 8.0 | 7.0 | 7.0 | 6.5 | 7.0 | 9.0 | 6.5 | 2.0 | 4.5 | 3.5 | 4.5 | 9.0 |
| 17 | 4.0 | 3.5 | 5.0 | 5.5 | 2.5 | 1.0 | 1.0 | 1.5 | 5.0 | 9.0 | 8.0 | 6.5 | 7.5 | 7.0 | 7.5 | 8.5 | 9.0 | 10.5 | 18.5 | 11.5 | 7.0 | 6.5 | 4.5 | 5.0 | 6.5 | 18.5 |
| 18 | 5.0 | 9.0 | 7.0 | 6.5 | 8.0 | 1.0 | 1.0 | 2.0 | 3.5 | 2.5 | 5.0 | 9.5 | 7.0 | 11.0 | 13.5 | 13.5 | 13.5 | 11.5 | 6.5 | 5.0 | 7.5 | 5.5 | 3.5 | 1.5 | 6.5 | 13.5 |
| 19 | 1.0 | 1.5 | 2.0 | 5.0 | 5.0 | 4.5 | 2.0 | 4.0 | 3.0 | 4.5 | 5.5 | 6.0 | 5.5 | 10.0 | 11.5 | 14.0 | 8.5 | 6.5 | 13.5 | 9.0 | 6.0 | 13.0 | 11.0 | 11.5 | 7.0 | 14.0 |
| 20 | 7.0 | 5.0 | 4.0 | 5.0 | 3.0 | 5.5 | 4.0 | 4.5 | 3.0 | 4.0 | 4.5 | 5.5 | 7.5 | 6.5 | 7.0 | 18.5 | 16.0 | 9.0 | 4.0 | 4.5 | 4.0 | 2.0 | 4.0 | 5.0 | 6.0 | 18.5 |
| 21 | 4.5 | 4.0 | 5.0 | 4.5 | 5.0 | 6.5 | 4.5 | 2.5 | 3.5 | 4.5 | 5.5 | 6.5 | 9.0 | 8.0 | 6.5 | 10.0 | 13.0 | 7.5 | 5.5 | 3.5 | 9.0 | 10.0 | 3.5 | 2.5 | 6.0 | 13.0 |
| 22 | 2.5 | 2.5 | 3.5 | 5.0 | 4.0 | 4.0 | 3.5 | 4.0 | 3.5 | 4.5 | 5.0 | 6.5 | 7.0 | 7.5 | 9.0 | 6.0 | 12.0 | 8.0 | 7.5 | 8.5 | 7.5 | 4.5 | 3.5 | 6.0 | 5.5 | 12.0 |
| 23 | 4.5 | 4.0 | 5.0 | 4.0 | 5.0 | 6.5 | 3.5 | 4.0 | 3.5 | 4.5 | 6.0 | 6.5 | 7.0 | 8.0 | 10.0 | 7.0 | 7.0 | 7.0 | 7.5 | 8.0 | 9.0 | 5.0 | 4.5 | 7.0 | 6.0 | 10.0 |
| 24 | 6.5 | 5.5 | 10.0 | 4.5 | 4.0 | 3.5 | 3.5 | 5.0 | 3.5 | 4.0 | 6.0 | 7.0 | 7.0 | 8.0 | 7.0 | 7.0 | 12.0 | 12.5 | 9.0 | 7.5 | 5.0 | 8.0 | 1.5 | 3.0 | 6.5 | 12.5 |
| 25 | 4.0 | 3.0 | 5.0 | 4.0 | 3.0 | 3.5 | 4.0 | 6.5 | 7.0 | 6.5 | 6.0 | 9.0 | 9.0 | 15.5 | 16.0 | 14.0 | 16.0 | 13.5 | 7.0 | 5.0 | 7.0 | 3.0 | 3.5 | 2.5 | 7.0 | 16.0 |
| 26 | 2.0 | 4.0 | 2.0 | 4.0 | 4.5 | 4.0 | 2.5 | 2.5 | 4.0 | 4.0 | 4.5 | 6.5 | 6.0 | 7.5 | 9.5 | 11.5 | 5.0 | 5.5 | 5.0 | 4.5 | 5.0 | 7.0 | 3.5 | 5.5 | 5.0 | 11.5 |
| 27 | 6.5 | 4.0 | 4.5 | 4.0 | 3.0 | 4.0 | 2.5 | 3.5 | 6.5 | 6.0 | 5.5 | 7.0 | 7.5 | 7.5 | 8.0 | 8.5 | 9.0 | 10.0 | 8.0 | 5.5 | 6.0 | 3.5 | 4.5 | 5.5 | 6.0 | 10.0 |
| 28 | 1.5 | 3.5 | 3.0 | 2.5 | 3.5 | 4.5 | 4.5 | 4.5 | 3.0 | 3.5 | 4.5 | 7.0 | 8.5 | 10.5 | 17.0 | 16.0 | 6.5 | 6.0 | 4.5 | 5.5 | 3.5 | 3.5 | 4.5 | 5.5 | 5.5 | 17.0 |
| 29 | 3.0 | 4.0 | 3.0 | 5.5 | 5.0 | 6.0 | 4.5 | 4.0 | 3.5 | 4.5 | 5.5 | 7.0 | 8.0 | 15.5 | 8.0 | 12.0 | 8.5 | 7.5 | 8.5 | 8.0 | 7.5 | 9.5 | 11.5 | 14.5 | 7.5 | 15.5 |
| 30 | 9.0 | 8.5 | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | 9.0 | 9.0 |
| 31 | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | 7.5 | 8.5 | 8.0 | 6.5 | 7.5 | 13.5 | 9.0 | 15.0 | 19.0 | 9.0 | 5.0 | 6.5 | 9.5 | 19.0 |
| AV | 4.5 | 4.5 | 5.0 | 4.5 | 4.0 | 3.5 | 2.5 | 3.0 | 4.0 | 5.0 | 6.0 | 6.5 | 7.5 | 9.0 | 10.0 | 11.0 | 9.5 | 9.0 | 8.0 | 7.0 | 6.5 | 6.0 | 5.0 | 5.5 | 6.5 | [ ] |
| SD | 2.0 | 2.4 | 3.5 | 2.8 | 1.7 | 1.7 | 1.2 | 1.3 | 1.4 | 1.3 | 1.1 | 1.2 | 1.7 | 2.4 | 3.4 | 3.5 | 3.3 | 2.9 | 3.8 | 2.7 | 3.1 | 2.9 | 2.6 | 2.8 | 1.1 | [ ] |

OUTPT (VERSION N 28 JUL 76)

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

MAY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | PREV | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 35 | 355 | 65 | 355 | 40 | 60 | 110 | 170 | 250 | 250 | [VA] | 255 | 245 | 285 | 230 | 275 | 260 | 210 | 165 | 30 | 95 | 85 | 45 | 50 | [VA] | |
| 2 | 35 | 335 | 250 | 195 | 35 | 45 | 105 | 140 | 155 | 195 | 205 | 235 | 270 | 255 | 320 | 225 | 265 | 265 | 285 | 320 | [VA] | 25 | 35 | 35 | [VA] | |
| 3 | 50 | 15 | [VA] | 35 | 30 | 65 | [VA] | 120 | 210 | 170 | 175 | 190 | 220 | 190 | 200 | 195 | 170 | 210 | 200 | 215 | [VA] | 265 | 265 | 40 | 10 | |
| 4 | 195 | 190 | 200 | 220 | 235 | 215 | 200 | 210 | 220 | 225 | 225 | 240 | 225 | 215 | 240 | 250 | 275 | 330 | 265 | 250 | 270 | [VA] | 340 | 40 | 11 | |
| 5 | 45 | 30 | 20 | 45 | 40 | 65 | [VA] | 210 | 230 | 235 | 230 | 275 | 290 | 300 | 320 | 280 | 275 | 315 | 300 | 45 | 20 | 285 | 345 | 270 | 14 | |
| 6 | 280 | 270 | 230 | 195 | 155 | 85 | 5 | [VA] | 50 | 250 | 285 | 300 | 210 | [VA] | 120 | 115 | 90 | 85 | 50 | 90 | [VA] | 355 | 45 | 310 | 5 | |
| 7 | 40 | 135 | 60 | 45 | 75 | [VA] | 105 | 110 | 65 | 45 | 30 | [VA] | 40 | 45 | 60 | 20 | 15 | 340 | 265 | 260 | 285 | 30 | 35 | 35 | 3 | |
| 8 | [VA] | 235 | 190 | 120 | 65 | 35 | 110 | 95 | 95 | [VA] | 120 | 160 | 165 | 190 | 335 | 265 | 205 | 120 | 130 | 120 | 105 | [VA] | 75 | [VA] | 6 | |
| 9 | [VA] | [VA] | 105 | 355 | [VA] | 35 | 35 | 165 | 160 | 250 | 255 | [VA] | 190 | 240 | 350 | 310 | 260 | 285 | 260 | 115 | 105 | 90 | 100 | [VA] | [VA] | |
| 10 | 50 | 45 | 35 | 45 | 45 | 30 | [VA] | 170 | 235 | 225 | 235 | 305 | [VA] | 185 | 200 | 185 | 180 | 220 | 245 | [VA] | 295 | [VA] | 40 | 35 | 3 | |
| 11 | 30 | 45 | 40 | [VA] | 30 | [VA] | 160 | 205 | 225 | 240 | 255 | 265 | 275 | 270 | 265 | 275 | 275 | 275 | 270 | 275 | 265 | 285 | 280 | 290 | 13 | |
| 12 | 300 | 30 | [VA] | 35 | 25 | 45 | [VA] | 130 | 175 | [VA] | 15 | 30 | 20 | 25 | 40 | 40 | 25 | 20 | 20 | 335 | 315 | 345 | [VA] | 340 | [VA] | |
| 13 | 30 | 40 | [VA] | 20 | 30 | 40 | 70 | 95 | [VA] | 230 | [VA] | 150 | 200 | 25 | 5 | 275 | 160 | 190 | 210 | 350 | 40 | 45 | 25 | 15 | 2 | |
| 14 | 40 | 35 | 40 | 40 | 40 | 60 | 95 | 120 | 185 | 230 | 160 | 210 | 220 | [VA] | [VA] | 230 | 235 | 235 | 220 | [VA] | 40 | 10 | 275 | 260 | [VA] | |
| 15 | 300 | 340 | 10 | 10 | 50 | 70 | 80 | 75 | 65 | 70 | 60 | 55 | 70 | 70 | 70 | 75 | 75 | 70 | 70 | 65 | 65 | 70 | 70 | 70 | 4 | |
| 16 | 70 | 60 | 65 | 50 | 80 | 60 | 150 | 95 | 30 | 65 | 60 | [VA] | [VA] | 15 | 305 | 295 | 300 | [VA] | [VA] | 355 | 10 | [VA] | 15 | 35 | 4 | |
| 17 | 40 | 30 | 35 | 35 | 45 | 65 | [VA] | 145 | 145 | 170 | 335 | 285 | 320 | 305 | 285 | [VA] | 145 | [VA] | 300 | 30 | 80 | 50 | 25 | 35 | 3 | |
| 18 | 30 | [VA] | 50 | 40 | 25 | 70 | 200 | 215 | 205 | 305 | 15 | 290 | 210 | 225 | 230 | 210 | 235 | 200 | 235 | 255 | 265 | 275 | 255 | [VA] | 11 | |
| 19 | 30 | [VA] | 40 | 265 | 275 | [VA] | [VA] | 205 | 235 | 250 | 300 | 80 | 255 | 190 | 95 | 170 | 160 | [VA] | [VA] | 225 | 125 | 105 | 95 | [VA] | 13 | |
| 20 | 25 | 355 | [VA] | [VA] | 65 | [VA] | 120 | 125 | 225 | 165 | 105 | 115 | [VA] | 140 | 170 | 150 | 205 | 190 | 60 | 120 | 105 | 60 | 60 | 55 | 6 | |
| 21 | 40 | 280 | 225 | [VA] | [VA] | 210 | 155 | 140 | 135 | 180 | 195 | 205 | 165 | 150 | 250 | [VA] | 40 | 80 | 230 | 40 | 240 | 265 | 245 | 120 | 12 | |
| 22 | [VA] | 50 | 30 | 295 | 25 | 50 | 60 | 165 | 220 | 220 | 265 | 260 | 265 | 150 | 180 | 190 | 225 | 205 | 180 | 60 | 30 | 355 | [VA] | 80 | [VA] | |
| 23 | 40 | 45 | 40 | 245 | [VA] | 290 | 225 | 215 | 240 | 300 | 270 | 210 | 200 | 215 | 265 | 90 | [VA] | 110 | 60 | 70 | 65 | 55 | 355 | 350 | [VA] | |
| 24 | 70 | 75 | 45 | 20 | 60 | 60 | 50 | 285 | 310 | 280 | 225 | 255 | 215 | 195 | 175 | 355 | 240 | 70 | 35 | 35 | 30 | 95 | 50 | 55 | 3 | |
| 25 | 40 | 55 | 55 | [VA] | 35 | 35 | 45 | 130 | 140 | 170 | 195 | 255 | 305 | 235 | 220 | 345 | 225 | 150 | 110 | 115 | 65 | 45 | 50 | 30 | 3 | |
| 26 | 35 | 35 | 60 | 30 | 40 | 45 | 105 | 150 | 205 | 190 | 120 | 220 | 260 | 300 | 280 | 340 | 300 | 140 | 115 | 35 | 25 | 55 | 30 | 35 | 3 | |
| 27 | 15 | 90 | 45 | 35 | 50 | 20 | 100 | 135 | 185 | 220 | 165 | 300 | 305 | 260 | 240 | 240 | 250 | 320 | 320 | 10 | 50 | 50 | 60 | 45 | 3 | |
| 28 | 40 | 35 | [VA] | [VA] | [VA] | 40 | 180 | 185 | 170 | 220 | 345 | 45 | 75 | 205 | 215 | 220 | 210 | 220 | 205 | 200 | 185 | 325 | 265 | 305 | 10 | |
| 29 | 35 | 45 | 285 | 290 | 345 | 20 | 80 | 120 | 225 | 115 | 210 | 270 | 240 | 190 | [VA] | 305 | 305 | 325 | 285 | 280 | 275 | 275 | 310 | 315 | 15 | |
| 30 | 50 | 25 | 10 | [VA] | 45 | 35 | 90 | 235 | 115 | 120 | 245 | 215 | 240 | 250 | 270 | 265 | 45 | 180 | 110 | 110 | 185 | 80 | 55 | 65 | 3 | |
| 31 | 40 | 60 | 55 | 55 | 45 | 45 | 180 | 185 | 190 | 235 | 260 | 255 | 290 | 210 | 145 | 180 | 150 | 185 | 290 | 335 | 15 | 60 | 75 | 50 | 3 | |
| PV | 3 | 3 | 3 | 2 | 3 | 3 | 5 | 7 | 11 | [VA] | 11 | 12 | 12 | [VA] | 11 | 13 | 13 | 10 | [VA] | 3 | 2 | 3 | 3 | 3 | 3 | |

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

JUNE,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 19/SEP/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | PREV | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 30 | 55 | 55 | 35 | 60 | [VA] | 165 | 160 | 185 | 250 | 5 | 305 | 245 | 225 | 200 | 225 | 245 | 250 | 250 | 275 | [VA] | 285 | 50 | 40 | 12 | |
| 2 | 40 | 10 | 85 | [VA] | [VA] | 325 | 140 | 210 | 210 | 140 | 45 | 260 | 260 | 295 | 190 | 210 | 180 | 190 | 210 | 230 | 210 | 15 | 30 | 55 | 10 | |
| 3 | 45 | 50 | 30 | 45 | 340 | 355 | [VA] | 205 | 225 | 185 | 200 | 195 | 195 | 205 | 220 | 205 | 200 | 220 | 230 | 235 | 215 | 220 | 270 | [VA] | 10 | |
| 4 | 60 | 355 | 25 | 30 | 100 | [VA] | 210 | 165 | 170 | 210 | 215 | 210 | 210 | 195 | 210 | 200 | 205 | 220 | 235 | 235 | 235 | 250 | 295 | 10 | [VA] | |
| 5 | 25 | 30 | 45 | 30 | 45 | 50 | 160 | 205 | 180 | 20 | 350 | 305 | 210 | 175 | 180 | 175 | 190 | 170 | 190 | 195 | 355 | 45 | 40 | 45 | 9 | |
| 6 | 50 | 45 | 55 | 50 | 350 | [VA] | [VA] | 225 | 165 | 205 | 195 | 205 | 195 | 190 | 185 | 180 | 185 | 165 | 170 | 175 | 225 | 265 | 140 | 235 | 10 | |
| 7 | 125 | 235 | 315 | [VA] | 30 | 355 | 240 | 170 | 195 | 200 | 200 | 210 | 290 | 260 | 250 | 220 | 210 | 205 | 175 | 180 | 60 | 75 | 85 | 75 | 10 | |
| 8 | 60 | 35 | 315 | 300 | 255 | 45 | [VA] | 215 | 165 | 190 | 190 | 205 | 200 | 185 | 205 | 195 | 210 | 210 | 230 | 245 | 245 | 250 | 285 | 290 | 10 | |
| 9 | 30 | 40 | 40 | 35 | 30 | 60 | 125 | 150 | 215 | 275 | 265 | 225 | 195 | 200 | 205 | 215 | 215 | 215 | 210 | 215 | 190 | 255 | 35 | 35 | 11 | |
| 10 | 45 | 50 | 50 | 65 | 350 | 40 | 95 | 205 | 190 | 185 | 190 | 175 | 180 | 180 | 180 | 180 | 200 | 190 | 205 | 215 | 295 | 290 | 275 | 280 | 9 | |
| 11 | 275 | 25 | 35 | 310 | 30 | 225 | 265 | 285 | 225 | 210 | 220 | 205 | 250 | 275 | 230 | 225 | 250 | 285 | 285 | 270 | 235 | 185 | 205 | 220 | 11 | |
| 12 | 255 | 255 | 285 | 340 | 40 | 50 | [VA] | 230 | 225 | 245 | 245 | 270 | 265 | 245 | 240 | 225 | 235 | 240 | 245 | 285 | 235 | 300 | 0 | 60 | 12 | |
| 13 | 135 | 115 | 300 | 265 | 275 | 30 | 90 | 105 | 50 | 140 | 280 | 285 | 290 | 280 | 290 | 350 | 300 | 290 | 340 | 310 | 50 | 55 | 65 | 65 | 14 | |
| 14 | 65 | 140 | 90 | 55 | 35 | 45 | 185 | 230 | 235 | 265 | 250 | 235 | 200 | 245 | [VA] | 305 | 245 | 35 | 45 | 35 | 25 | 50 | 25 | 35 | 3 | |
| 15 | 35 | 50 | 30 | 60 | 10 | 50 | 110 | 155 | 165 | 145 | 115 | 260 | 205 | [VA] | 265 | 320 | 265 | 275 | 340 | 155 | 195 | 230 | 200 | 185 | 10 | |
| 16 | 260 | 280 | 255 | 205 | 230 | 230 | 115 | 170 | 210 | 325 | 290 | 210 | 310 | 280 | 295 | 290 | 285 | 275 | 280 | 280 | 290 | 350 | 120 | 105 | 14 | |
| 17 | 110 | 75 | 75 | 85 | 30 | 65 | 240 | 280 | 215 | 195 | 115 | 65 | 270 | 10 | 40 | 65 | 310 | 150 | 160 | 170 | 340 | 65 | 85 | 75 | 4 | |
| 18 | 60 | 60 | 40 | 45 | 45 | 55 | 115 | 185 | 220 | 210 | 270 | 270 | 285 | 260 | 325 | 275 | [VA] | 40 | 55 | 65 | 65 | 65 | 70 | 60 | [VA] | |
| 19 | 50 | 40 | 40 | 65 | 340 | 35 | 140 | 205 | 240 | 240 | [VA] | 195 | 175 | 210 | 255 | 245 | 265 | [VA] | [VA] | 40 | 55 | 60 | 55 | 35 | 3 | |
| 20 | 15 | [VA] | [VA] | 10 | 100 | [VA] | 245 | 200 | 195 | [VA] | 140 | 235 | 250 | 205 | 215 | 220 | 220 | 215 | 210 | 195 | 185 | 215 | [VA] | 45 | 11 | |
| 21 | 45 | 295 | 20 | 35 | 40 | 45 | 55 | 295 | 305 | 260 | 240 | 240 | 235 | 235 | 230 | 235 | 240 | 220 | 215 | 205 | 195 | 200 | 215 | 205 | 11 | |
| 22 | 195 | 205 | 210 | 185 | 190 | 165 | 145 | 120 | 125 | [VA] | 15 | [VA] | 250 | 100 | 285 | 5 | 340 | 275 | 25 | 100 | 70 | 65 | 80 | 50 | 5 | |
| 23 | 50 | 40 | 280 | 235 | [VA] | 40 | 140 | 240 | 255 | 240 | 215 | 225 | 240 | 255 | 260 | 270 | 280 | 270 | 275 | 275 | 300 | 350 | 335 | 25 | 12 | |
| 24 | 350 | 355 | 295 | 10 | 40 | 55 | 100 | 155 | 230 | 230 | 225 | 220 | 230 | 215 | 255 | 210 | 230 | 270 | 280 | 280 | 280 | 275 | 265 | 140 | 11 | |
| 25 | 45 | 35 | 35 | 5 | 45 | 40 | 95 | 170 | 230 | 210 | 240 | 230 | 220 | 225 | 235 | 220 | 230 | 250 | 250 | 255 | 245 | 245 | 245 | 310 | 11 | |
| 26 | 20 | 340 | 20 | 275 | 290 | 30 | [VA] | 330 | 190 | 300 | [VA] | 130 | 280 | 290 | 260 | 285 | 100 | 280 | 0 | 350 | 350 | 330 | 315 | [VA] | 14 | |
| 27 | 30 | 50 | 35 | 65 | 50 | 55 | 100 | 160 | 170 | 150 | 195 | 180 | 260 | 270 | 270 | 260 | 245 | 290 | 310 | 325 | 350 | 300 | 340 | 25 | [VA] | |
| 28 | 35 | 50 | [VA] | 355 | [VA] | 315 | 150 | 200 | 205 | 155 | 65 | 65 | 140 | 190 | 240 | 305 | 0 | 35 | 45 | 35 | 20 | 50 | 45 | 125 | 3 | |
| 29 | 335 | 30 | 0 | 305 | 25 | 105 | 80 | 170 | 175 | 195 | 210 | 170 | 285 | 215 | 215 | 210 | 275 | 240 | 125 | 120 | 165 | 175 | 175 | 180 | 10 | |
| 30 | 180 | 175 | 195 | 265 | 270 | 175 | 170 | 190 | 215 | 220 | 200 | 205 | 190 | 195 | 185 | 200 | 240 | 350 | 290 | 190 | 220 | 25 | 310 | 265 | 10 | |
| 31 | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | |
| PV | 3 | 2 | [VA] | 3 | 2 | 3 | 7 | 9 | 11 | 10 | 10 | 10 | [VA] | 10 | [VA] | 10 | 11 | 13 | [VA] | 11 | 11 | 4 | 3 | 3 | 10 | |

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

JULY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | PREV | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 210 | 270 | 230 | 230 | 110 | 115 | 220 | 205 | 200 | 265 | 270 | 260 | 140 | 130 | 160 | 225 | 220 | 225 | 225 | 230 | 10 | 45 | 350 | 10 | 11 | |
| 2 | 35 | 75 | 75 | 75 | 125 | 80 | 225 | 255 | 235 | 235 | 275 | 290 | 255 | 280 | 260 | 230 | 255 | 235 | 220 | 275 | 290 | 280 | 335 | 25 | 13 | |
| 3 | 80 | 70 | 75 | 110 | 25 | 340 | 130 | 210 | 230 | 150 | 215 | 270 | 320 | 290 | [VA] | 300 | 305 | 270 | 350 | 10 | 35 | 40 | 345 | 50 | [VA] | |
| 4 | 45 | 45 | 35 | 10 | 30 | 45 | 100 | 110 | 200 | 165 | 215 | 285 | 300 | 270 | 245 | 260 | 250 | 250 | 240 | 285 | 20 | 50 | 30 | 25 | 3 | |
| 5 | 35 | 45 | 35 | 40 | 45 | 60 | 70 | 180 | 190 | 210 | 265 | 305 | 210 | 240 | 305 | 285 | 325 | 330 | 25 | 5 | 5 | 30 | 35 | 20 | 3 | |
| 6 | 355 | 35 | 35 | 315 | 350 | 35 | [VA] | 165 | 215 | 175 | 160 | 195 | [VA] | 235 | 150 | 155 | 210 | 270 | 295 | 270 | 300 | 15 | 10 | 30 | [VA] | |
| 7 | 260 | 15 | 355 | 0 | 35 | 10 | 95 | 165 | 265 | 230 | 250 | 275 | 185 | 165 | 185 | 120 | 130 | 170 | 135 | 165 | 165 | 135 | 175 | 175 | 8 | |
| 8 | 175 | 85 | 50 | 40 | 35 | 45 | 145 | 195 | 250 | 245 | 225 | 235 | 285 | 280 | 240 | 160 | 210 | 355 | 110 | 75 | 70 | 85 | 120 | 45 | 5 | |
| 9 | 275 | 265 | 320 | 325 | 280 | 30 | 55 | 180 | 180 | 230 | 260 | 260 | 275 | 285 | 230 | 190 | 235 | 185 | 110 | 55 | 65 | 235 | 235 | 175 | 13 | |
| 10 | 160 | 165 | 130 | 0 | 20 | 25 | 75 | 190 | 255 | 240 | 290 | 275 | [VA] | 335 | 270 | 205 | 170 | 235 | 285 | 355 | 80 | 105 | 180 | 175 | 9 | |
| 11 | 0 | 275 | 30 | 50 | 30 | 35 | 95 | 145 | 195 | 240 | [VA] | 210 | [VA] | 160 | 155 | 220 | 230 | 225 | 275 | 270 | 350 | [VA] | 30 | 35 | 11 | |
| 12 | 35 | 40 | 120 | 205 | 200 | 225 | 220 | 145 | 225 | 270 | 270 | 260 | 260 | 0 | 195 | 160 | 125 | 155 | [VA] | 315 | 355 | 10 | 75 | 60 | 11 | |
| 13 | 80 | 65 | 0 | 35 | 45 | 75 | 220 | 235 | 280 | 180 | 260 | 195 | 260 | 240 | 295 | 265 | 310 | 325 | 345 | 345 | 0 | 0 | 320 | 10 | [VA] | |
| 14 | [VA] | 250 | 20 | 35 | 35 | 70 | [VA] | 200 | 210 | 205 | 115 | [VA] | [VA] | 275 | 265 | 245 | 255 | 260 | 290 | 300 | 315 | 275 | [VA] | 240 | 13 | |
| 15 | 325 | 355 | 35 | 35 | 40 | 35 | 115 | 140 | 150 | 95 | 60 | [VA] | 15 | 340 | 80 | 145 | 265 | 200 | 115 | 45 | 35 | 45 | 60 | 35 | 3 | |
| 16 | 40 | 345 | 295 | 10 | 40 | 25 | 85 | 120 | 115 | 170 | 155 | 240 | 200 | 275 | 240 | [VA] | 330 | 350 | 15 | 30 | 15 | [VA] | 245 | 70 | 2 | |
| 17 | 325 | 45 | 25 | 45 | 350 | [VA] | 130 | 120 | 200 | 250 | 270 | 275 | 270 | 150 | 190 | 345 | 340 | 330 | 285 | 220 | 250 | 210 | 80 | 85 | 13 | |
| 18 | 280 | 60 | 210 | 315 | 355 | 55 | 90 | 120 | 135 | [VA] | 20 | [VA] | 265 | 275 | 270 | 270 | 270 | 270 | 240 | 165 | 150 | 105 | 95 | 200 | 13 | |
| 19 | 50 | 275 | 270 | 300 | 330 | 330 | 320 | 260 | 340 | 220 | 190 | 210 | 250 | [VA] | 220 | 175 | 130 | 175 | 185 | 200 | [VA] | 255 | 275 | 110 | 13 | |
| 20 | 110 | 80 | 45 | 295 | [VA] | 20 | 60 | 130 | 140 | 175 | 215 | 150 | 195 | 210 | 175 | 255 | 255 | 155 | 185 | 245 | 90 | 355 | 50 | 45 | 9 | |
| 21 | 35 | 45 | 35 | 40 | 40 | 35 | 105 | 120 | 165 | 225 | 240 | 200 | 220 | 230 | 290 | 250 | 345 | 350 | 330 | 325 | 5 | 0 | [VA] | [VA] | [VA] | |
| 22 | 50 | 20 | 45 | 35 | 60 | 40 | 100 | 135 | 155 | 195 | 220 | 195 | 150 | 185 | 230 | [VA] | 50 | 25 | 0 | 355 | 340 | 330 | 10 | 30 | 2 | |
| 23 | 250 | 35 | 40 | 40 | 40 | 40 | 95 | 125 | 185 | 310 | 340 | 340 | 295 | 15 | 20 | 65 | 75 | 60 | 45 | 50 | 45 | 70 | 100 | 105 | [VA] | |
| 24 | 110 | 40 | 45 | 60 | 45 | 40 | 65 | 125 | 115 | [VA] | 270 | 235 | 280 | 290 | 185 | 220 | 200 | 180 | 165 | 185 | 145 | 210 | 275 | [VA] | 3 | |
| 25 | 205 | 160 | 180 | 190 | 140 | 95 | 135 | 170 | 195 | 250 | 160 | [VA] | 120 | 180 | 120 | 165 | 250 | 250 | 115 | 115 | 80 | 215 | 80 | [VA] | [VA] | |
| 26 | 255 | [VA] | 40 | 35 | 75 | 45 | [VA] | 175 | 140 | 180 | 200 | 225 | 190 | 225 | 240 | 205 | 20 | 140 | 155 | 145 | 80 | 100 | 195 | 120 | 10 | |
| 27 | 245 | 280 | 35 | 25 | 40 | 45 | 230 | 215 | 220 | 195 | 235 | 210 | [VA] | 335 | [VA] | 290 | 0 | 330 | 320 | 290 | 330 | [VA] | 35 | 25 | 11 | |
| 28 | 45 | 355 | 40 | 50 | 30 | 35 | 65 | 120 | 165 | 185 | 165 | 185 | 245 | 275 | 330 | 0 | 330 | 0 | 320 | 340 | 310 | 25 | 45 | 30 | 3 | |
| 29 | [VA] | 340 | 30 | 30 | 45 | 35 | 70 | 105 | 165 | 210 | 265 | 285 | 255 | 150 | 165 | 300 | 350 | 0 | 20 | 50 | 45 | 70 | 75 | 75 | 3 | |
| 30 | 330 | 20 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [VA] | |
| 31 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | 315 | 295 | 315 | 340 | 0 | 290 | 250 | 220 | 215 | 260 | 50 | 70 | [VA] | |
| PV | 3 | 3 | [VA] | 3 | 2 | 3 | 5 | 7 | 10 | 9 | 13 | [VA] | 13 | 13 | 12 | 11 | [VA] | 1 | 14 | 1 | 1 | 3 | 3 | 3 | 3 | |

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

MAY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 6.5 | 7.5 | 3.0 | 2.5 | 4.5 | 2.0 | 2.0 | 3.0 | 4.5 | 3.0 | 4.0 | 5.0 | 6.0 | 9.0 | 7.0 | 9.0 | 9.0 | 9.5 | 4.5 | 4.5 | 9.0 | 11.0 | 11.5 | 6.0 | 6.0 | 11.5 |
| 2 | 3.0 | 5.0 | 3.0 | 1.5 | 2.0 | 7.0 | 4.5 | 6.5 | 4.5 | 4.0 | 4.5 | 6.5 | 8.5 | 7.5 | 7.0 | 4.0 | 3.5 | 4.5 | 2.5 | 3.0 | 2.5 | 11.0 | 10.5 | 13.5 | 5.5 | 13.5 |
| 3 | 12.5 | 8.5 | 2.5 | 2.0 | 5.5 | 8.5 | 5.0 | 4.0 | 5.0 | 6.0 | 5.0 | 4.5 | 5.0 | 12.0 | 9.0 | 12.0 | 10.5 | 8.5 | 8.5 | 6.5 | 8.5 | 10.0 | 9.0 | 9.0 | 7.5 | 12.5 |
| 4 | 9.5 | 8.5 | 10.0 | 8.5 | 9.0 | 12.0 | 12.5 | 11.0 | 14.0 | 18.0 | 16.5 | 15.0 | 16.5 | 14.0 | 15.0 | 15.5 | 15.0 | 11.5 | 11.5 | 9.5 | 10.0 | 9.5 | 5.5 | 5.0 | 12.0 | 18.0 |
| 5 | 2.0 | 1.5 | 3.5 | 3.5 | 1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 3.0 | 4.5 | 8.5 | 11.0 | 12.0 | 11.5 | 11.5 | 8.0 | 10.0 | 13.0 | 3.0 | 2.0 | 6.5 | 7.5 | 14.0 | 6.0 | 14.0 |
| 6 | 10.5 | 9.5 | 4.5 | 4.0 | 6.0 | 6.5 | 4.5 | 6.5 | 4.5 | 7.0 | 9.5 | 9.0 | 7.0 | 4.5 | 7.5 | 10.0 | 9.0 | 5.5 | 5.0 | 6.5 | 5.5 | 5.5 | 4.5 | 2.5 | 6.5 | 10.5 |
| 7 | 2.0 | 1.5 | 2.0 | 3.0 | 4.0 | 3.0 | 3.5 | 3.5 | 5.0 | 6.5 | 6.5 | 7.0 | 9.5 | 10.0 | 7.0 | 6.5 | 5.0 | 4.0 | 9.5 | 8.0 | 6.0 | 3.5 | 5.5 | 5.5 | 5.5 | 10.0 |
| 8 | 4.5 | 10.5 | 6.5 | 5.5 | 4.5 | 3.0 | 6.0 | 6.0 | 8.0 | 9.0 | 6.5 | 5.0 | 5.0 | 6.5 | 5.5 | 9.5 | 11.5 | 6.0 | 5.5 | 5.5 | 5.5 | 5.5 | 7.5 | 4.0 | 6.5 | 11.5 |
| 9 | 4.5 | 8.0 | 5.0 | 4.5 | 6.5 | 5.0 | 2.5 | 2.0 | 2.5 | 5.5 | 5.0 | 5.5 | 4.0 | 7.5 | 8.0 | 8.0 | 13.0 | 12.0 | 8.5 | 9.0 | 10.0 | 9.5 | 9.0 | 10.5 | 7.0 | 13.0 |
| 10 | 10.0 | 7.0 | 6.0 | 4.5 | 3.5 | 2.0 | 1.5 | 2.5 | 4.0 | 3.5 | 2.0 | 3.0 | 4.0 | 6.5 | 4.5 | 5.0 | 3.0 | 2.5 | 2.0 | 1.0 | 1.0 | 2.5 | 4.5 | 6.0 | 4.0 | 10.0 |
| 11 | 3.0 | 2.5 | 9.0 | 7.0 | 6.0 | 2.0 | 1.0 | 1.0 | 1.5 | 11.5 | 14.5 | 19.5 | 18.5 | 13.5 | 20.5 | 21.0 | 24.0 | 23.0 | 22.0 | 20.5 | 23.5 | 19.5 | 16.0 | 10.5 | 13.0 | 24.0 |
| 12 | 11.0 | 6.5 | 4.0 | 5.0 | 3.5 | 5.5 | 3.5 | 4.5 | 6.0 | 5.5 | 14.0 | 14.0 | 15.5 | 11.5 | 11.0 | 11.0 | 9.5 | 8.5 | 7.0 | 5.0 | 3.0 | 4.5 | 3.0 | 4.5 | 7.5 | 15.5 |
| 13 | 4.0 | 2.5 | 2.5 | 6.5 | 9.0 | 7.0 | 7.5 | 6.5 | 5.0 | 6.0 | 5.5 | 7.0 | 6.0 | 6.0 | 6.5 | 5.0 | 4.0 | 4.0 | 4.0 | 4.0 | 2.5 | 10.5 | 4.0 | 5.0 | 5.5 | 10.5 |
| 14 | 4.5 | 4.5 | 3.0 | 6.5 | 6.0 | 10.0 | 9.5 | 5.5 | 4.5 | 5.5 | 4.5 | 5.5 | 6.5 | 10.5 | 9.0 | 9.0 | 12.0 | 14.0 | 7.5 | 9.0 | 14.0 | 12.0 | 11.5 | 11.5 | 8.0 | 14.0 |
| 15 | 14.5 | 9.5 | 6.0 | 7.0 | 7.0 | 12.5 | 18.5 | 8.5 | 12.5 | 15.5 | 13.5 | 12.0 | 13.5 | [MT] | 19.5 | 22.0 | 23.5 | 22.0 | 22.5 | 21.5 | 18.0 | 17.0 | 14.5 | 14.0 | 15.0 | 23.5 |
| 16 | 13.5 | 11.5 | 12.0 | 9.0 | 9.5 | 8.0 | 10.0 | 8.5 | 9.5 | 7.0 | 6.0 | 6.0 | 6.5 | 5.0 | 6.5 | 6.0 | 3.5 | 4.0 | 2.0 | 1.5 | 1.0 | 2.0 | 1.0 | 3.0 | 6.5 | 13.5 |
| 17 | 6.5 | 5.0 | 1.5 | 3.0 | 1.0 | 2.5 | 4.0 | 1.0 | 2.0 | 3.0 | 3.5 | 4.0 | 5.5 | 7.5 | 7.0 | 3.0 | 4.0 | 3.5 | 1.5 | 4.0 | 8.5 | 10.0 | 11.0 | 10.0 | 4.5 | 11.0 |
| 18 | 11.0 | 5.5 | 3.0 | 2.0 | 5.0 | 2.0 | 2.0 | 5.5 | 4.5 | 7.0 | 6.5 | 7.0 | 8.0 | 17.5 | 14.5 | 12.0 | 13.0 | 9.5 | 12.5 | 10.5 | 11.5 | 6.5 | 7.5 | 6.5 | 8.0 | 17.5 |
| 19 | 9.5 | 8.0 | 8.0 | 9.0 | 4.0 | 4.5 | 5.0 | 5.0 | 7.0 | 6.5 | 9.5 | 7.5 | 7.5 | 10.5 | 8.5 | 9.5 | 10.5 | 6.5 | 5.5 | 8.5 | 11.0 | 9.0 | 10.0 | 5.0 | 7.5 | 11.0 |
| 20 | 6.0 | 6.5 | 3.0 | 5.0 | 5.5 | 11.5 | 7.0 | 6.5 | 4.5 | 4.5 | 8.0 | 9.0 | 10.0 | 11.5 | 9.0 | 8.5 | 6.0 | 5.0 | 5.0 | 6.5 | 6.5 | 7.0 | 6.5 | 7.0 | 7.0 | 11.5 |
| 21 | 7.5 | 3.5 | 5.0 | 6.0 | 5.5 | 2.5 | 2.5 | 4.5 | 6.5 | 5.5 | 6.5 | 10.5 | 8.0 | 8.5 | 4.5 | 4.5 | 3.0 | 2.5 | 4.0 | 3.5 | 6.5 | 6.5 | 6.0 | 7.5 | 5.5 | 10.5 |
| 22 | 7.5 | 6.0 | 6.0 | 4.0 | 2.5 | 2.5 | 2.0 | 4.0 | 5.0 | 6.0 | 8.0 | 7.5 | 9.5 | 12.5 | 11.0 | 9.5 | 15.5 | 13.5 | 9.5 | 7.0 | 4.5 | 3.0 | 6.5 | 10.0 | 7.0 | 15.5 |
| 23 | 9.5 | 6.5 | 3.0 | 2.5 | 4.0 | 3.5 | 4.0 | 4.0 | 4.0 | 4.5 | 4.5 | 5.5 | 5.5 | 5.5 | 8.0 | 5.5 | 6.0 | 4.5 | 7.0 | 6.0 | 6.5 | 5.5 | 12.5 | 6.0 | 5.5 | 12.5 |
| 24 | 6.0 | 7.0 | 5.0 | 8.5 | 4.0 | 8.0 | 3.5 | 6.0 | 4.5 | 5.5 | 5.5 | 7.0 | 4.5 | 7.0 | 8.0 | 11.0 | 9.5 | 7.5 | 4.5 | 6.5 | 8.0 | 7.0 | 7.5 | 12.0 | 7.0 | 12.0 |
| 25 | 6.0 | 6.0 | 3.0 | 2.0 | 2.5 | 4.0 | 2.5 | 3.5 | 3.5 | 4.5 | 5.5 | 7.5 | 16.0 | 16.5 | 14.5 | 13.0 | 5.5 | 5.5 | 5.5 | 6.5 | 6.0 | 8.0 | 6.0 | 5.5 | 6.5 | 16.5 |
| 26 | 3.5 | 3.0 | 8.0 | 7.0 | 6.0 | 4.5 | 3.0 | 3.0 | 5.5 | 5.0 | 6.0 | 6.5 | 7.5 | 6.5 | 6.5 | 7.0 | 7.0 | 3.5 | 3.5 | 2.0 | 4.5 | 8.5 | 11.5 | 9.5 | 6.0 | 11.5 |
| 27 | 10.0 | 3.5 | 4.5 | 2.5 | 2.0 | 2.5 | 4.5 | 3.0 | 4.5 | 6.0 | 5.5 | 6.0 | 9.0 | 8.5 | 8.0 | 10.0 | 7.5 | 9.5 | 9.0 | 5.5 | 5.5 | 10.0 | 11.5 | 10.5 | 6.5 | 11.5 |
| 28 | 9.5 | 7.5 | 4.0 | 2.0 | 1.5 | 3.0 | 2.5 | 2.5 | 4.5 | 5.0 | 8.5 | 8.5 | 7.5 | 14.0 | 15.0 | 11.5 | 14.5 | 13.5 | 9.0 | 8.0 | 9.0 | 10.5 | 10.0 | 9.5 | 8.0 | 15.0 |
| 29 | 5.0 | 6.5 | 3.0 | 5.5 | 4.0 | 5.5 | 5.5 | 7.0 | 4.5 | 4.5 | 6.0 | 8.5 | 7.0 | 10.0 | 9.5 | 19.0 | 15.5 | 10.5 | 13.5 | 9.0 | 12.5 | 12.0 | 3.5 | 5.0 | 8.0 | 19.0 |
| 30 | 4.5 | 5.0 | 7.0 | 4.5 | 4.0 | 5.0 | 7.5 | 6.5 | 6.5 | 4.5 | 6.5 | 7.5 | 9.0 | 9.0 | 7.0 | 5.5 | 11.5 | 10.5 | 12.0 | 12.0 | 8.5 | 7.5 | 9.5 | 10.5 | 7.5 | 12.0 |
| 31 | 9.0 | 9.0 | 3.0 | 4.5 | 9.0 | 3.0 | 5.0 | 4.5 | 4.5 | 3.5 | 4.0 | 6.5 | 8.0 | 6.5 | 12.5 | 13.0 | 11.0 | 10.0 | 7.0 | 6.0 | 5.0 | 10.0 | 13.0 | 14.0 | 7.5 | 14.0 |
| AV | 7.5 | 6.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.5 | 6.0 | 7.0 | 8.0 | 8.5 | 9.5 | 9.5 | 10.0 | 10.0 | 8.5 | 8.0 | 7.0 | 8.0 | 8.5 | 8.5 | 8.0 | 7.0 | [ ] |
| SD | 3.4 | 2.6 | 2.5 | 2.2 | 2.3 | 3.2 | 3.6 | 2.3 | 2.6 | 3.3 | 3.4 | 3.4 | 3.7 | 3.3 | 4.0 | 4.6 | 5.3 | 5.0 | 5.0 | 4.5 | 4.7 | 3.8 | 3.5 | 3.4 | 2.3 | [ ] |

OUTPT [VERSION N 28 JUL 76]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

JUNE,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 10.5 | 3.5 | 4.0 | 7.0 | 5.0 | 5.5 | 3.5 | 3.5 | 4.5 | 5.0 | 6.5 | 5.5 | 7.0 | 9.0 | 9.5 | 13.5 | 14.0 | 15.0 | 12.0 | 6.5 | 7.5 | 11.5 | 12.0 | 11.5 | 8.0 | 15.0 |
| 2 | 12.0 | 8.5 | 4.5 | 3.5 | 4.5 | 4.0 | 3.5 | 5.0 | 4.5 | 6.0 | 7.0 | 10.5 | 15.0 | 9.5 | 10.5 | 10.5 | 11.5 | 9.5 | 8.5 | 8.0 | 9.0 | 8.5 | 10.0 | 11.0 | 8.0 | 15.0 |
| 3 | 11.0 | 12.5 | 10.5 | 4.0 | 4.5 | 4.5 | 3.5 | 3.0 | 5.5 | 10.5 | 12.0 | 12.5 | 12.5 | 16.5 | 16.0 | 14.5 | 14.5 | 12.0 | 15.0 | 11.5 | 7.5 | 9.0 | 10.0 | 10.0 | 10.0 | 16.5 |
| 4 | 11.0 | 12.0 | 4.5 | 8.5 | 7.5 | 3.5 | 4.0 | 3.5 | 5.5 | 5.5 | 11.5 | 12.5 | 12.0 | 12.0 | 11.5 | 11.0 | 11.0 | 13.0 | 13.5 | 11.5 | 7.0 | 8.5 | 9.5 | 10.5 | 9.0 | 13.5 |
| 5 | 6.5 | 4.5 | 12.5 | 6.5 | 4.0 | 4.0 | 2.5 | 3.0 | 5.0 | 5.5 | 6.0 | 9.5 | 10.0 | 8.5 | 9.0 | 9.5 | 8.0 | 7.5 | 8.0 | 7.0 | 7.5 | 8.5 | 9.5 | 6.0 | 7.0 | 12.5 |
| 6 | 9.0 | 12.0 | 11.5 | 8.5 | 8.0 | 4.5 | 3.5 | 4.0 | 5.5 | 10.5 | 10.5 | 12.5 | 12.0 | 13.0 | 11.0 | 9.0 | 10.5 | 10.0 | 10.5 | 9.5 | 6.0 | 8.0 | 10.0 | 9.0 | 9.0 | 13.0 |
| 7 | 8.0 | 7.0 | 4.5 | 2.0 | 4.5 | 3.5 | 4.5 | 5.5 | 6.5 | 9.5 | 9.0 | 9.5 | 10.0 | 10.5 | 12.5 | 11.5 | 12.5 | 9.5 | 8.5 | 9.0 | 10.0 | 6.0 | 6.0 | 7.5 | 8.0 | 12.5 |
| 8 | 6.0 | 6.0 | 5.0 | 3.5 | 1.5 | 4.5 | 5.5 | 7.0 | 10.0 | 10.0 | 11.5 | 12.0 | 11.5 | 13.5 | 12.0 | 9.0 | 12.5 | 9.5 | 12.5 | 13.5 | 8.5 | 8.0 | 6.5 | 5.0 | 8.5 | 13.5 |
| 9 | 5.0 | 4.0 | 5.0 | 9.5 | 7.5 | 8.5 | 5.5 | 6.5 | 6.0 | 9.5 | 9.0 | 11.5 | 12.0 | 12.0 | 14.5 | 13.5 | 14.0 | 17.5 | 14.0 | 10.0 | 5.5 | 7.5 | 10.5 | 13.0 | 9.5 | 17.5 |
| 10 | 12.0 | 13.0 | 11.0 | 8.0 | 10.5 | 10.5 | 8.0 | 9.5 | 11.0 | 13.0 | 11.5 | 14.0 | 13.0 | 17.0 | 17.5 | 18.0 | 17.5 | 17.0 | 15.5 | 14.5 | 11.5 | 8.5 | 10.0 | 2.0 | 12.5 | 18.0 |
| 11 | 4.0 | 4.5 | 3.5 | 5.0 | 5.5 | 6.0 | 8.5 | 12.5 | 16.0 | 15.0 | 13.5 | 15.0 | 16.0 | 18.0 | 17.5 | 20.0 | 19.0 | 18.0 | 17.0 | 17.5 | 7.0 | 10.5 | 8.5 | 10.0 | 12.0 | 20.0 |
| 12 | 11.0 | 9.0 | 7.5 | 7.0 | 4.0 | 7.5 | 7.0 | 9.0 | 11.0 | 14.0 | 15.0 | 15.0 | 11.0 | 15.5 | 16.0 | 14.5 | 13.0 | 12.5 | 16.5 | 14.5 | 11.0 | 8.0 | 7.0 | 4.0 | 11.0 | 16.5 |
| 13 | 6.5 | 9.0 | 12.0 | 10.0 | 5.5 | 5.0 | 7.0 | 8.0 | 7.5 | 6.5 | 10.0 | 14.5 | 13.0 | 9.0 | 5.0 | 9.0 | 14.5 | 22.0 | 10.5 | 12.0 | 8.0 | 8.0 | 5.5 | 8.5 | 9.5 | 22.0 |
| 14 | 7.5 | 6.5 | 6.5 | 4.5 | 8.0 | 7.0 | 7.5 | 12.0 | 13.5 | 10.0 | 10.5 | 8.0 | 8.0 | 9.5 | 10.5 | 8.5 | 6.0 | 5.0 | 11.0 | 17.0 | 9.0 | 3.5 | 1.5 | 4.5 | 8.0 | 17.0 |
| 15 | 2.0 | 7.5 | 8.0 | 3.5 | 3.5 | 6.0 | 4.0 | 4.0 | 5.0 | 5.5 | 5.5 | 6.5 | 6.5 | 5.0 | 8.0 | 7.0 | 6.0 | 6.5 | 5.0 | 10.0 | 8.5 | 11.5 | 13.0 | 14.0 | 7.0 | 14.0 |
| 16 | 12.0 | 12.0 | 6.5 | 3.5 | 4.5 | 4.0 | 6.5 | 8.5 | 8.0 | 9.5 | 7.5 | 7.5 | 8.5 | 12.0 | 11.5 | 13.5 | 19.0 | 16.5 | 12.0 | 15.5 | 18.5 | 12.0 | 16.0 | 11.5 | 10.5 | 19.0 |
| 17 | 9.5 | 10.0 | 9.0 | 7.5 | 5.0 | 4.0 | 5.5 | 5.0 | 5.0 | 3.5 | 6.5 | 6.0 | 10.5 | 10.5 | 6.0 | 9.5 | 6.0 | 8.0 | 7.0 | 8.0 | 2.0 | 6.5 | 9.5 | 8.0 | 7.0 | 10.5 |
| 18 | 7.0 | 8.0 | 5.5 | 3.0 | 2.5 | 2.5 | 3.5 | 4.0 | 5.0 | 6.5 | 12.0 | 14.0 | 13.5 | 12.0 | 10.0 | 8.5 | 7.5 | 7.5 | 11.5 | 15.5 | 14.0 | 8.0 | 8.5 | 6.5 | 8.0 | 15.5 |
| 19 | 5.5 | 6.5 | 5.0 | 2.5 | 2.0 | 2.5 | 3.5 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 9.0 | 8.5 | 8.0 | 6.5 | 7.0 | 4.0 | 4.5 | 3.5 | 5.5 | 6.5 | 6.0 | 3.0 | 5.0 | 9.0 |
| 20 | 2.5 | 2.5 | 2.5 | 3.0 | 2.5 | 1.5 | 3.5 | 3.5 | 5.5 | 6.5 | 7.0 | 12.5 | 10.5 | 12.5 | 16.5 | 15.0 | 16.5 | 14.0 | 12.0 | 9.5 | 13.0 | 11.0 | 10.0 | 10.0 | 8.5 | 16.5 |
| 21 | 11.0 | 12.5 | 9.0 | 6.0 | 5.0 | 10.0 | 10.0 | 6.0 | 6.5 | 8.0 | 15.0 | 18.5 | 17.0 | 17.0 | 19.5 | 17.0 | 15.5 | 12.5 | 9.5 | 8.5 | 8.0 | 11.5 | 10.0 | 8.5 | 11.5 | 19.5 |
| 22 | 12.0 | 14.0 | 12.0 | 15.5 | 16.0 | 10.0 | 12.0 | 14.5 | 11.0 | 12.5 | 15.0 | 8.0 | 7.0 | 11.0 | 11.0 | 10.5 | 12.0 | 16.5 | 6.5 | 8.0 | 7.5 | 6.5 | 9.0 | 6.0 | 11.0 | 16.5 |
| 23 | 5.0 | 8.0 | 3.5 | 5.0 | 4.0 | 3.0 | 6.0 | 12.5 | 11.0 | 7.0 | 9.0 | 12.0 | 13.0 | 13.5 | 16.0 | 20.0 | 22.0 | 22.5 | 25.0 | 23.5 | 19.0 | 8.0 | 3.0 | 3.5 | 11.5 | 25.0 |
| 24 | 2.0 | 1.0 | 2.0 | 3.5 | 4.0 | 3.5 | 4.5 | 5.5 | 7.5 | 8.0 | 11.5 | 10.0 | 11.5 | 12.0 | 11.5 | 9.0 | 10.0 | 13.5 | 17.0 | 16.5 | 16.0 | 15.0 | 12.5 | 8.0 | 9.0 | 17.0 |
| 25 | 7.0 | 9.0 | 5.0 | 2.5 | 3.0 | 4.0 | 4.5 | 4.0 | 5.0 | 9.0 | 18.0 | 20.5 | 19.5 | 18.5 | 18.5 | 16.5 | 16.5 | 15.0 | 17.0 | 15.0 | 16.0 | 10.5 | 12.5 | 10.0 | 11.5 | 20.5 |
| 26 | 11.0 | 8.5 | 6.0 | 8.0 | 10.0 | 6.5 | 6.5 | 4.5 | 7.0 | 9.0 | 6.0 | 8.5 | 7.0 | 8.0 | 6.5 | 9.5 | 9.5 | 6.5 | 5.5 | 4.5 | 3.5 | 4.0 | 5.0 | 3.5 | 7.0 | 11.0 |
| 27 | 7.5 | 12.5 | 8.5 | 7.0 | 6.5 | 9.0 | 2.5 | 4.0 | 5.0 | 3.5 | 4.5 | 5.5 | 9.5 | 16.0 | 12.0 | 7.5 | 9.5 | 12.5 | 7.5 | 6.5 | 5.5 | 5.5 | 2.0 | 5.5 | 7.5 | 16.0 |
| 28 | 9.5 | 11.0 | 5.0 | 4.0 | 2.5 | 5.5 | 3.5 | 3.5 | 5.5 | 3.5 | 5.0 | 5.0 | 6.5 | 6.5 | 6.5 | 6.5 | 7.0 | 7.5 | 5.5 | 5.0 | 3.5 | 6.5 | 8.0 | 8.0 | 6.0 | 11.0 |
| 29 | 5.0 | 3.5 | 2.0 | 4.0 | 2.5 | 2.5 | 3.0 | 3.0 | 4.0 | 5.0 | 5.5 | 5.0 | 8.0 | 7.0 | 15.0 | 8.5 | 5.5 | 7.0 | 14.0 | 11.0 | 8.0 | 10.0 | 14.0 | 13.0 | 7.0 | 15.0 |
| 30 | 12.0 | 6.0 | 9.0 | 9.0 | 5.5 | 5.0 | 6.5 | 8.0 | 10.5 | 11.0 | 10.5 | 11.5 | 11.5 | 11.5 | 11.0 | 11.5 | 12.5 | 11.0 | 7.5 | 8.0 | 5.5 | 7.0 | 5.5 | 10.5 | 9.0 | 12.5 |
| 31 | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] |
| AV | 8.0 | 8.0 | 6.5 | 6.0 | 5.5 | 5.5 | 5.5 | 6.5 | 7.5 | 8.0 | 9.5 | 10.5 | 11.0 | 12.0 | 12.0 | 11.5 | 12.0 | 12.0 | 11.5 | 11.0 | 9.0 | 8.5 | 8.5 | 8.0 | 9.0 | [ ] |
| SD | 3.2 | 3.5 | 3.2 | 2.9 | 3.0 | 2.4 | 2.3 | 3.2 | 3.0 | 3.1 | 3.5 | 4.0 | 3.1 | 3.5 | 3.9 | 3.8 | 4.3 | 4.7 | 4.5 | 4.5 | 4.2 | 2.4 | 3.4 | 3.2 | 1.9 | [ ] |

OUTPT [VERSION N 28 JUL 76]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

JULY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 9.5 | 10.0 | 6.5 | 6.0 | 6.5 | 5.5 | 4.5 | 7.0 | 9.0 | 10.5 | 6.5 | 9.5 | 7.5 | 8.5 | 7.0 | 9.0 | 9.0 | 9.0 | 7.5 | 6.5 | 6.0 | 8.5 | 8.0 | 3.5 | 7.5 | 10.5 |
| 2 | 2.0 | 8.0 | 15.0 | 11.0 | 6.5 | 6.0 | 5.5 | 4.5 | 5.0 | 5.0 | 7.5 | 7.5 | 7.0 | 8.0 | 15.5 | 20.0 | 17.5 | 16.0 | 10.5 | 8.0 | 7.5 | 11.0 | 8.5 | 6.0 | 9.0 | 20.0 |
| 3 | 11.5 | 7.0 | 4.0 | 7.5 | 5.5 | 5.5 | 2.0 | 3.5 | 4.0 | 4.5 | 4.0 | 5.5 | 6.5 | 17.0 | 8.5 | 7.5 | 7.0 | 5.5 | 5.5 | 5.0 | 5.5 | 5.0 | 10.0 | 9.5 | 6.5 | 17.0 |
| 4 | 4.0 | 3.5 | 5.5 | 3.5 | 3.5 | 6.5 | 4.0 | 4.5 | 4.5 | 4.0 | 6.0 | 6.5 | 6.5 | 14.0 | 10.0 | 12.5 | 15.0 | 13.5 | 11.5 | 5.5 | 6.5 | 7.0 | 7.5 | 5.0 | 7.0 | 15.0 |
| 5 | 4.5 | 7.0 | 5.5 | 8.5 | 6.0 | 2.5 | 4.0 | 3.5 | 6.5 | 5.5 | 7.5 | 7.0 | 6.5 | 8.5 | 9.5 | 9.0 | 7.0 | 8.0 | 6.5 | 4.0 | 5.5 | 10.0 | 10.0 | 11.0 | 7.0 | 11.0 |
| 6 | 6.0 | 3.5 | 8.0 | 8.0 | 4.5 | 3.0 | 3.5 | 3.5 | 4.0 | 5.0 | 4.5 | 6.0 | 6.5 | 5.0 | 7.5 | 8.0 | 6.5 | 10.5 | 11.5 | 11.5 | 7.0 | 6.0 | 5.5 | 7.5 | 6.5 | 11.5 |
| 7 | 7.0 | 5.0 | 7.5 | 6.0 | 3.0 | 2.5 | 3.0 | 2.5 | 5.0 | 7.0 | 10.5 | 10.0 | 10.0 | 9.0 | 9.5 | 12.0 | 9.5 | 10.5 | 13.0 | 8.5 | 11.0 | 7.5 | 8.0 | 9.0 | 8.0 | 13.0 |
| 8 | 7.0 | 7.5 | 5.0 | 5.0 | 1.5 | 2.0 | 2.5 | 4.0 | 4.5 | 5.5 | 6.5 | 7.5 | 11.0 | 8.5 | 10.5 | 7.5 | 6.5 | 7.0 | 4.5 | 5.5 | 6.5 | 7.0 | 10.0 | 9.0 | 6.5 | 11.0 |
| 9 | 8.0 | 5.0 | 7.0 | 9.5 | 5.5 | 4.5 | 4.5 | 6.0 | 7.0 | 7.5 | 8.0 | 8.5 | 8.0 | 7.5 | 9.0 | 8.0 | 8.0 | 6.0 | 5.0 | 5.0 | 6.5 | 7.5 | 8.0 | 9.0 | 7.0 | 9.5 |
| 10 | 7.5 | 8.0 | 9.5 | 4.5 | 4.0 | 4.0 | 3.0 | 6.5 | 4.5 | 6.0 | 6.5 | 6.0 | 7.0 | 7.0 | 11.0 | 14.0 | 11.5 | 10.5 | 8.5 | 3.0 | 10.5 | 9.5 | 5.5 | 5.0 | 7.0 | 14.0 |
| 11 | 4.5 | 5.5 | 3.5 | 7.0 | 10.0 | 6.0 | 5.0 | 4.0 | 6.5 | 5.0 | 5.0 | 6.5 | 7.0 | 8.0 | 6.0 | 11.0 | 9.0 | 6.5 | 17.0 | 7.5 | 4.5 | 5.5 | 5.0 | 6.0 | 6.5 | 17.0 |
| 12 | 8.5 | 8.0 | 11.0 | 13.5 | 8.5 | 6.0 | 4.5 | 5.0 | 8.5 | 8.5 | 6.5 | 8.5 | 14.5 | 10.5 | 8.5 | 8.0 | 8.5 | 9.0 | 11.5 | 7.5 | 5.0 | 5.5 | 7.5 | 10.0 | 8.5 | 14.5 |
| 13 | 6.5 | 4.5 | 6.0 | 5.0 | 5.5 | 6.5 | 3.5 | 5.5 | 4.5 | 5.0 | 6.0 | 7.0 | 8.0 | 12.0 | 10.0 | 10.5 | 11.5 | 8.0 | 5.0 | 2.0 | 2.5 | 3.0 | 5.0 | 4.5 | 6.0 | 12.0 |
| 14 | 4.0 | 3.5 | 1.0 | 3.0 | 4.0 | 7.0 | 5.0 | 5.0 | 5.0 | 5.5 | 5.5 | 7.0 | 7.5 | 12.5 | 17.0 | 13.5 | 12.0 | 12.5 | 10.0 | 6.5 | 5.0 | 6.0 | 6.0 | 7.0 | 7.0 | 17.0 |
| 15 | 7.5 | 4.5 | 4.0 | 3.0 | 4.0 | 4.0 | 4.5 | 3.5 | 6.5 | 7.0 | 7.5 | 8.0 | 9.5 | 8.0 | 6.5 | 6.5 | 6.5 | 6.0 | 4.5 | 2.5 | 5.0 | 6.0 | 8.5 | 9.0 | 6.0 | 9.5 |
| 16 | 8.5 | 6.0 | 2.5 | 2.5 | 3.5 | 2.5 | 2.0 | 3.0 | 3.5 | 5.0 | 6.5 | 6.5 | 6.5 | 9.0 | 9.0 | 7.0 | 7.5 | 7.0 | 6.5 | 4.0 | 1.5 | 7.0 | 13.0 | 13.5 | 6.0 | 13.5 |
| 17 | 6.0 | 5.0 | 5.0 | 5.5 | 5.5 | 4.0 | 4.0 | 5.0 | 9.0 | 11.5 | 8.5 | 7.0 | 7.0 | 5.0 | 6.5 | 10.0 | 12.0 | 9.5 | 19.5 | 8.0 | 8.0 | 9.5 | 5.5 | 6.0 | 7.5 | 19.5 |
| 18 | 5.5 | 8.5 | 9.0 | 4.5 | 3.5 | 2.5 | 1.5 | 4.5 | 5.0 | 4.0 | 7.0 | 8.0 | 6.5 | 11.5 | 15.0 | 15.5 | 13.0 | 12.5 | 6.0 | 4.0 | 7.0 | 8.5 | 7.5 | 4.0 | 7.5 | 15.5 |
| 19 | 3.5 | 3.0 | 2.5 | 4.0 | 2.0 | 4.0 | 3.0 | 3.0 | 4.0 | 4.0 | 6.0 | 6.5 | 6.5 | 9.5 | 8.5 | 9.5 | 8.5 | 7.5 | 10.5 | 13.5 | 8.5 | 11.5 | 10.0 | 10.0 | 6.5 | 13.5 |
| 20 | 13.5 | 10.5 | 6.5 | 6.5 | 5.0 | 10.0 | 7.0 | 6.5 | 3.5 | 5.5 | 4.0 | 5.0 | 5.0 | 5.5 | 4.5 | 17.0 | 17.0 | 5.5 | 5.5 | 5.5 | 8.5 | 8.0 | 8.0 | 9.5 | 7.5 | 17.0 |
| 21 | 5.5 | 4.0 | 3.0 | 3.5 | 4.5 | 8.5 | 6.0 | 4.5 | 4.0 | 5.5 | 6.0 | 5.5 | 9.0 | 7.5 | 10.0 | 9.0 | 8.0 | 6.5 | 6.0 | 3.5 | 4.0 | 4.5 | 2.0 | 4.0 | 5.5 | 10.0 |
| 22 | 4.5 | 2.5 | 2.5 | 3.0 | 5.0 | 6.5 | 4.0 | 4.5 | 4.0 | 5.0 | 5.0 | 5.0 | 8.5 | 8.5 | 7.5 | 7.5 | 8.5 | 7.5 | 6.0 | 6.0 | 4.0 | 4.5 | 2.0 | 8.5 | 5.5 | 8.5 |
| 23 | 4.5 | 4.0 | 4.5 | 9.0 | 8.0 | 4.5 | 5.0 | 3.5 | 4.5 | 5.0 | 7.0 | 6.5 | 6.5 | 10.0 | 9.5 | 8.5 | 8.0 | 9.5 | 11.5 | 9.0 | 7.5 | 6.5 | 8.0 | 6.0 | 7.0 | 11.5 |
| 24 | 3.5 | 3.0 | 3.0 | 6.5 | 6.5 | 5.5 | 4.5 | 5.5 | 5.5 | 6.5 | 6.0 | 5.5 | 8.0 | 8.5 | 6.5 | 6.0 | 8.0 | 7.5 | 6.0 | 8.0 | 8.0 | 9.0 | 8.5 | 12.5 | 6.5 | 12.5 |
| 25 | 11.0 | 10.5 | 8.5 | 9.5 | 10.5 | 9.5 | 8.0 | 7.5 | 8.5 | 7.5 | 7.5 | 6.5 | 10.5 | 12.0 | 10.0 | 13.5 | 16.0 | 16.0 | 9.0 | 6.0 | 7.5 | 5.5 | 2.5 | 3.5 | 9.0 | 16.0 |
| 26 | 4.5 | 6.0 | 5.0 | 5.5 | 7.5 | 6.0 | 5.0 | 2.5 | 2.5 | 3.5 | 4.0 | 5.0 | 5.5 | 6.5 | 11.5 | 8.0 | 8.0 | 7.0 | 6.0 | 4.0 | 5.0 | 8.0 | 10.5 | 12.0 | 6.0 | 12.0 |
| 27 | 12.5 | 9.5 | 6.0 | 5.5 | 9.0 | 4.0 | 3.5 | 7.5 | 5.0 | 4.5 | 4.0 | 8.5 | 12.0 | 9.5 | 7.0 | 9.0 | 7.5 | 9.0 | 10.0 | 5.5 | 3.0 | 1.0 | 4.5 | 4.5 | 7.0 | 12.5 |
| 28 | 3.5 | 4.5 | 3.5 | 4.0 | 4.0 | 8.5 | 4.0 | 5.0 | 5.0 | 4.0 | 6.0 | 6.5 | 9.5 | 12.5 | 14.5 | 9.5 | 8.0 | 5.0 | 5.0 | 7.0 | 4.0 | 4.5 | 9.5 | 4.5 | 6.5 | 14.5 |
| 29 | 3.0 | 2.0 | 3.0 | 5.5 | 7.0 | 6.5 | 4.5 | 4.5 | 4.0 | 4.5 | 8.0 | 7.0 | 7.0 | 11.0 | 8.5 | 16.0 | 9.5 | 7.5 | 7.0 | 5.0 | 3.0 | 5.5 | 7.0 | 8.0 | 6.5 | 16.0 |
| 30 | 5.5 | 6.5 | 4.0 | 5.0 | 3.5 | 5.5 | 4.0 | 7.0 | 6.5 | 7.5 | 6.0 | 6.0 | 6.0 | 6.5 | 9.0 | 8.5 | 9.0 | 7.5 | 16.5 | 10.0 | 7.5 | 10.5 | 10.5 | 11.5 | 7.5 | 16.5 |
| 31 | 8.0 | 7.0 | 14.5 | 9.5 | 4.5 | 5.5 | 5.0 | 6.0 | 4.0 | 5.5 | 6.5 | 7.5 | 10.5 | 8.5 | 7.0 | 7.0 | 6.5 | 15.0 | 13.5 | 13.0 | 15.5 | 11.0 | 6.5 | 5.5 | 8.5 | 15.5 |
| AV | 6.5 | 6.0 | 6.0 | 6.0 | 5.5 | 5.5 | 4.0 | 5.0 | 5.5 | 6.0 | 6.5 | 7.0 | 8.0 | 9.0 | 9.5 | 10.5 | 9.5 | 9.0 | 9.0 | 6.5 | 6.5 | 7.0 | 7.5 | 7.5 | 7.0 | [ ] |
| SD | 2.8 | 2.4 | 3.3 | 2.6 | 2.2 | 2.0 | 1.4 | 1.4 | 1.7 | 1.8 | 1.4 | 1.2 | 2.1 | 2.6 | 2.8 | 3.4 | 3.1 | 3.0 | 3.9 | 2.8 | 2.7 | 2.4 | 2.6 | 2.8 | .9 | [ ] |

OUTPT [VERSION N 28 JUL 76]

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

MAY,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 19/SEP/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | PREV | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 140 | 145 | 245 | 200 | 145 | 195 | 75 | 110 | 280 | 270 | 265 | 295 | 295 | 295 | 295 | 295 | 295 | 265 | 215 | 155 | 150 | 150 | 155 | [VA] | 13 | |
| 2 | 55 | 190 | 280 | [VA] | 115 | 170 | 135 | 105 | 60 | 355 | 295 | 305 | 290 | 260 | 285 | 300 | 250 | 285 | 245 | 235 | 220 | 145 | 135 | 135 | 14 | |
| 3 | 135 | 205 | 150 | 75 | 125 | 105 | 255 | [VA] | 285 | 295 | 280 | 355 | 280 | 240 | 215 | 245 | 205 | 215 | 230 | 195 | 180 | 215 | 230 | 205 | 11 | |
| 4 | 205 | 190 | 180 | 165 | 185 | 195 | 205 | 200 | 215 | 240 | 245 | 235 | 240 | 235 | 250 | 255 | 260 | 300 | 285 | 235 | 235 | 200 | 230 | 210 | 11 | |
| 5 | [VA] | 265 | 110 | [VA] | 220 | 220 | 110 | 285 | 295 | 295 | 310 | 290 | 285 | 295 | 305 | 295 | 315 | 295 | 290 | 10 | 80 | 265 | 300 | 255 | 14 | |
| 6 | 270 | 275 | 240 | 170 | 150 | 120 | 115 | 85 | 350 | 285 | 305 | 280 | 220 | 315 | 90 | 75 | 80 | 45 | 90 | 125 | 130 | 145 | 200 | 180 | 5 | |
| 7 | [VA] | 135 | 140 | 115 | 130 | [VA] | 70 | 110 | 90 | 50 | 80 | 55 | 35 | 35 | 25 | 45 | 10 | 15 | 270 | 245 | 185 | 135 | 140 | 185 | 3 | |
| 8 | 140 | 195 | 210 | 195 | 130 | 115 | 115 | 95 | 110 | 125 | 120 | 135 | 220 | 270 | 295 | 200 | 235 | 190 | 125 | 120 | 120 | 130 | 135 | 75 | 6 | |
| 9 | 160 | 230 | 205 | 160 | 160 | 160 | 285 | 290 | 150 | 285 | 290 | 290 | 280 | 310 | 295 | 300 | 280 | 275 | 175 | 195 | 170 | 180 | 140 | 130 | 14 | |
| 10 | 125 | 155 | 150 | 150 | 145 | 115 | 290 | 305 | 310 | 300 | 295 | 310 | 285 | 225 | 190 | 215 | 230 | 295 | 280 | 215 | 195 | 220 | 205 | 170 | 14 | |
| 11 | 150 | 160 | 190 | 190 | 160 | 160 | 80 | 280 | 295 | 265 | 280 | 260 | 280 | 260 | 270 | 270 | 280 | 280 | 280 | 275 | 265 | 280 | 290 | 280 | 13 | |
| 12 | 255 | 235 | 210 | 220 | 185 | 220 | 240 | 175 | 320 | 335 | 0 | 5 | 30 | 30 | 15 | 30 | 50 | 15 | 10 | 275 | 205 | 130 | 105 | 155 | 2 | |
| 13 | 160 | [VA] | 85 | 155 | 145 | 130 | 135 | 120 | 110 | 260 | 60 | 20 | 50 | 345 | 295 | 325 | 95 | 320 | 250 | 215 | 150 | 145 | 160 | 55 | 7 | |
| 14 | 75 | 5 | 25 | 130 | 155 | 145 | 140 | 155 | 350 | 295 | 320 | 295 | 305 | 290 | 265 | 220 | 245 | 250 | 220 | 165 | 165 | 165 | 180 | 180 | 8 | |
| 15 | 225 | 285 | 330 | 325 | 40 | [VA] | 75 | 55 | 45 | 45 | 35 | 25 | 40 | [MT] | 30 | 70 | 60 | 65 | 60 | 55 | 60 | 45 | 75 | 70 | 3 | |
| 16 | 55 | 65 | 50 | [VA] | 85 | 100 | 100 | 70 | 50 | 15 | 350 | 0 | 350 | 310 | 305 | 315 | 320 | 345 | 55 | 275 | 315 | 135 | 125 | [VA] | 3 | |
| 17 | 155 | 165 | 175 | 210 | 175 | 95 | 55 | 315 | 340 | 325 | 325 | 280 | 290 | 310 | 310 | 285 | 35 | 30 | 345 | 100 | 155 | 170 | 155 | 145 | 15 | |
| 18 | 135 | 240 | 185 | [VA] | 235 | [VA] | 90 | 110 | 280 | 310 | 325 | 345 | 305 | 245 | 240 | 245 | 250 | 210 | 245 | 245 | 255 | 245 | 230 | 185 | 12 | |
| 19 | 175 | 185 | 165 | 175 | 195 | 260 | 225 | 220 | 265 | 325 | 310 | [VA] | 295 | 240 | 20 | 195 | 180 | 145 | 165 | 175 | 180 | 115 | 105 | [VA] | 9 | |
| 20 | 50 | 235 | 240 | 235 | 160 | 165 | 150 | 150 | 285 | 200 | 90 | 220 | 175 | 135 | 165 | 150 | 200 | 190 | 155 | 160 | 115 | 145 | 160 | 150 | 8 | |
| 21 | 145 | 180 | 185 | 155 | 115 | 230 | 100 | 100 | 95 | 120 | 175 | 215 | 160 | 120 | 185 | 30 | 0 | 280 | 230 | 180 | 220 | 260 | 240 | 135 | 9 | |
| 22 | 140 | 145 | 195 | 210 | [VA] | 145 | 205 | 270 | 250 | 235 | 280 | 295 | 310 | 235 | 215 | 165 | 235 | 215 | 180 | 115 | 175 | 245 | 175 | 185 | 11 | |
| 23 | 160 | 135 | 175 | 190 | 305 | [VA] | 225 | 225 | 250 | 265 | 235 | 270 | 295 | 300 | 275 | 280 | 350 | 50 | 45 | 80 | 170 | 165 | 245 | 30 | 13 | |
| 24 | 105 | 120 | 115 | 245 | 155 | 120 | 120 | 300 | 325 | 310 | 305 | 300 | 265 | 235 | 175 | [VA] | [VA] | 45 | 150 | 185 | 155 | 145 | 145 | 155 | 8 | |
| 25 | 195 | [VA] | 50 | 300 | 210 | 175 | [VA] | 45 | 290 | 300 | 280 | 275 | 290 | 245 | 235 | 350 | 205 | 40 | 110 | 115 | 160 | 135 | 180 | 220 | 10 | |
| 26 | 200 | 170 | 160 | 145 | 160 | [VA] | [VA] | 300 | 295 | 340 | 25 | 65 | 305 | 275 | 10 | 340 | 280 | 335 | 315 | 30 | 125 | 125 | 135 | 135 | 7 | |
| 27 | 140 | 250 | 250 | [VA] | 225 | [VA] | 100 | [VA] | 30 | 325 | 310 | 310 | 290 | 315 | 325 | 270 | 260 | 270 | 260 | 215 | 170 | 140 | 170 | 155 | 13 | |
| 28 | 155 | 215 | 235 | [VA] | 345 | 100 | 295 | 280 | 65 | 40 | 300 | 45 | 45 | 240 | 220 | 225 | 225 | 240 | 210 | 190 | 170 | 170 | 175 | 220 | 11 | |
| 29 | 190 | 165 | 225 | 260 | 265 | 220 | 200 | 135 | 245 | 345 | 300 | 280 | 290 | [VA] | 220 | 275 | 305 | 315 | 295 | 285 | 270 | 265 | 300 | 250 | [VA] | |
| 30 | 210 | 160 | 155 | 245 | 150 | 155 | 165 | 190 | 65 | 75 | 285 | 290 | 290 | 275 | 285 | 20 | 130 | 150 | 105 | 120 | 155 | 150 | 120 | 125 | 8 | |
| 31 | 115 | 135 | 315 | [VA] | 130 | 155 | 100 | 0 | 45 | 345 | 300 | 295 | 275 | 145 | 95 | 265 | 245 | 255 | 265 | 235 | 215 | 165 | 140 | 130 | 7 | |
| PV | [VA] | 8 | 9 | 9 | 8 | 6 | [VA] | [VA] | 14 | [VA] | 14 | 14 | 14 | 13 | 14 | 13 | 12 | 13 | 13 | 11 | [VA] | 8 | 7 | 9 | [VA] | |

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

JUNE,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | PREV | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 170 | 110 | 130 | [VA] | 240 | 255 | 325 | [VA] | 80 | 310 | 330 | 295 | 295 | 220 | 210 | 250 | 250 | 255 | 255 | 230 | 195 | 190 | 160 | 160 | 12 | |
| 2 | 160 | 185 | 85 | 205 | 185 | 235 | 60 | 40 | 10 | 40 | 310 | 270 | 280 | 210 | 200 | 185 | 220 | 210 | 185 | 225 | 230 | 195 | 165 | 165 | 10 | |
| 3 | 150 | 150 | 185 | 195 | 175 | 140 | 255 | 355 | 265 | 175 | 205 | 190 | 195 | 230 | 230 | 205 | 220 | 215 | 240 | 245 | 225 | 170 | 195 | 195 | 10 | |
| 4 | 165 | 185 | 220 | 140 | [VA] | 145 | 270 | 45 | 340 | 325 | 200 | 190 | 220 | 210 | 210 | 210 | 215 | 230 | 235 | 240 | 225 | 190 | 175 | 145 | 10 | |
| 5 | 225 | 170 | 130 | 215 | 230 | 325 | 315 | 30 | 0 | 320 | 325 | 265 | 165 | 175 | 190 | 180 | 185 | 185 | 170 | 170 | 195 | 165 | 155 | [VA] | 9 | |
| 6 | 105 | 155 | 150 | 165 | 180 | 230 | 225 | 290 | 20 | 200 | 185 | 190 | 210 | 210 | 180 | 185 | 190 | 170 | 225 | 140 | 195 | 190 | 145 | 140 | [VA] | |
| 7 | 225 | 220 | 260 | 150 | 170 | 105 | [VA] | 70 | 220 | 220 | 210 | 195 | 245 | 245 | 240 | 225 | 235 | 200 | 170 | 165 | 145 | 165 | 170 | 170 | 11 | |
| 8 | 160 | 190 | 240 | [VA] | 285 | [VA] | 110 | 175 | 175 | 200 | 195 | 190 | 205 | 195 | 225 | 240 | 210 | 215 | 240 | 255 | 215 | 175 | 250 | 230 | 10 | |
| 9 | 215 | 215 | 180 | 155 | 170 | 180 | 150 | 115 | 305 | 300 | 240 | 190 | 210 | 200 | 225 | 215 | 220 | 240 | 230 | 230 | 210 | 190 | 155 | 125 | 11 | |
| 10 | [VA] | 155 | 135 | 140 | 155 | 165 | 175 | 190 | 175 | 165 | 185 | 180 | 180 | 170 | 180 | 185 | 195 | 190 | 210 | 225 | 260 | 300 | 300 | 20 | [VA] | |
| 11 | 175 | 195 | 205 | 200 | 185 | 215 | 280 | 255 | 225 | 215 | 220 | 220 | 225 | 260 | 245 | 250 | 250 | 290 | 290 | 275 | 150 | 185 | 175 | [VA] | [VA] | |
| 12 | 245 | 240 | 235 | 230 | 160 | 155 | 175 | 240 | 260 | 270 | 265 | 265 | 250 | 255 | 255 | 255 | 250 | 245 | 260 | 255 | 240 | 235 | 205 | [VA] | 12 | |
| 13 | 115 | 155 | 215 | 250 | 245 | 150 | 135 | [VA] | 60 | 15 | 285 | 280 | 300 | 310 | 305 | 315 | 310 | 290 | 315 | 270 | 195 | 210 | 145 | 55 | 14 | |
| 14 | [VA] | [VA] | 215 | 195 | 220 | 220 | 215 | 255 | 265 | 255 | 290 | 265 | 280 | 260 | 280 | 280 | 290 | 355 | [VA] | 45 | 25 | 60 | 40 | [VA] | 13 | |
| 15 | 35 | 135 | 135 | 260 | 200 | 185 | [VA] | 0 | 20 | 55 | [VA] | 40 | 320 | 250 | 5 | 295 | 260 | 275 | 45 | 160 | 185 | 190 | 195 | 200 | [VA] | |
| 16 | 185 | 190 | 200 | 130 | 190 | 225 | 180 | 195 | 235 | 250 | 295 | 255 | 300 | 310 | 305 | 310 | 300 | 290 | 285 | 285 | 295 | 325 | 130 | 150 | [VA] | |
| 17 | 125 | 120 | 115 | [VA] | 190 | 205 | 210 | 245 | 315 | 310 | 345 | 30 | 270 | 315 | 10 | 50 | 285 | 130 | 145 | 155 | 210 | [VA] | [VA] | 130 | 7 | |
| 18 | 120 | [VA] | [VA] | [VA] | 200 | [VA] | 70 | 290 | 305 | 300 | 280 | 285 | 295 | 305 | 305 | 300 | [VA] | 30 | 50 | 60 | 55 | 85 | 80 | 95 | 14 | |
| 19 | 150 | 135 | 195 | 175 | 225 | [VA] | 300 | 245 | 310 | 310 | 350 | 300 | 290 | 300 | 290 | 315 | 300 | 10 | 30 | 80 | 180 | 120 | 120 | 55 | [VA] | |
| 20 | 320 | 275 | 200 | 240 | 285 | 70 | 265 | 335 | 50 | 45 | 40 | 260 | 235 | 190 | 220 | 225 | 230 | 230 | 205 | 175 | 160 | 170 | 230 | 220 | 11 | |
| 21 | 210 | 205 | 235 | 190 | 115 | 195 | 190 | 240 | 295 | 300 | 240 | 250 | 245 | 245 | 255 | 250 | 240 | 235 | 205 | 195 | 180 | 170 | 160 | 190 | 9 | |
| 22 | 165 | 165 | 180 | 165 | 195 | 150 | 140 | 155 | 145 | 135 | 140 | [VA] | 265 | 105 | 275 | 335 | 325 | 280 | 90 | 155 | 125 | 120 | 90 | 105 | 7 | |
| 23 | 100 | 130 | 230 | 225 | 240 | 195 | 255 | 265 | 265 | 280 | 265 | 270 | 275 | 275 | 270 | 280 | 280 | 280 | 275 | 280 | 280 | 300 | 335 | 70 | 12 | |
| 24 | 15 | 15 | [VA] | 190 | 60 | 355 | 175 | 260 | 290 | 270 | 275 | 255 | 255 | 265 | 280 | 280 | 270 | 270 | 285 | 280 | 275 | 275 | 260 | 235 | 13 | |
| 25 | 125 | 115 | 25 | 75 | 45 | 95 | 105 | 30 | 300 | 270 | 255 | 255 | 245 | 235 | 250 | 250 | 250 | 260 | 260 | 260 | 260 | 215 | 190 | 220 | 12 | |
| 26 | 230 | 235 | 245 | 260 | 275 | 275 | 285 | 335 | 310 | 300 | 305 | 300 | 330 | 305 | 310 | 315 | 300 | 305 | 355 | 330 | 335 | 245 | 255 | 200 | 15 | |
| 27 | 140 | 145 | 135 | 140 | 150 | 125 | 300 | 310 | 305 | 275 | 305 | 300 | 305 | 295 | 300 | 290 | 260 | 285 | 340 | 300 | 280 | 250 | [VA] | 130 | 14 | |
| 28 | 140 | 155 | 245 | 255 | 250 | 240 | 65 | 295 | 295 | 300 | 325 | 250 | 295 | 295 | 290 | 315 | 355 | 5 | 25 | 65 | 65 | 155 | 130 | 120 | 14 | |
| 29 | 205 | [VA] | 50 | 200 | [VA] | 140 | 60 | 310 | 10 | 310 | 305 | 265 | 315 | 270 | 235 | 240 | 25 | 260 | 110 | 140 | 240 | 190 | 170 | 160 | 13 | |
| 30 | 160 | 165 | 165 | 160 | 200 | 180 | 180 | 205 | 220 | 230 | 240 | 195 | 200 | 180 | 180 | 195 | 195 | 285 | 215 | [VA] | [VA] | 175 | 185 | 170 | 9 | |
| 31 | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | |
| PV | 8 | 8 | 11 | 8 | 9 | 8 | 9 | 12 | 14 | 14 | [VA] | 13 | 13 | 13 | 12 | 12 | 11 | 13 | 11 | 12 | 10 | 9 | 8 | 7 | 11 | |

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

JULY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | PREV | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 165 | 175 | 225 | 165 | 175 | 160 | 200 | 220 | 220 | 225 | 220 | 295 | 90 | 95 | [CA] | 240 | 220 | 220 | 220 | 210 | 160 | 150 | 210 | 300 | 11 | |
| 2 | [VA] | [VA] | 90 | 90 | [VA] | 165 | 200 | 255 | 290 | 275 | 290 | 290 | 335 | 320 | 250 | 265 | 255 | 255 | 260 | 250 | 275 | 285 | 290 | [VA] | 14 | |
| 3 | 100 | 100 | 110 | 135 | 170 | 255 | 305 | 310 | 15 | 50 | 275 | 310 | 310 | [VA] | 10 | 325 | 335 | 0 | 5 | 285 | 225 | 155 | 115 | 140 | 15 | |
| 4 | 45 | [VA] | 180 | [VA] | 135 | [VA] | 55 | [VA] | 340 | 305 | 285 | 305 | [VA] | 280 | 305 | 260 | 240 | 255 | 255 | 235 | 175 | 110 | 150 | [VA] | 12 | |
| 5 | 185 | 140 | 155 | 150 | 110 | 355 | 40 | 280 | 285 | 290 | 285 | 300 | 295 | 295 | 325 | 340 | 305 | [VA] | [VA] | 340 | 100 | 150 | 155 | 135 | 14 | |
| 6 | 260 | 125 | 150 | 165 | 215 | 180 | [VA] | 295 | 90 | 305 | 315 | 300 | 300 | [VA] | 0 | 245 | 290 | 290 | 290 | 270 | 260 | 155 | 205 | 155 | 14 | |
| 7 | 120 | 155 | 155 | 255 | 150 | 160 | 25 | 340 | 45 | 305 | 300 | [VA] | 110 | 170 | 135 | 75 | 130 | 205 | 180 | 230 | 165 | 220 | 200 | 150 | [VA] | |
| 8 | 180 | 180 | 235 | 240 | 255 | [VA] | 220 | 60 | 330 | 300 | 320 | 295 | 305 | 290 | 120 | 165 | 215 | 255 | [CA] | 170 | 165 | 165 | 145 | 150 | 8 | |
| 9 | 180 | 195 | 145 | 150 | 175 | 180 | 130 | 195 | 225 | 265 | 280 | 300 | 315 | 325 | 160 | [VA] | [VA] | [VA] | [VA] | 165 | 150 | 160 | 200 | 125 | 8 | |
| 10 | 190 | 190 | 155 | 270 | 175 | 215 | [VA] | 120 | [VA] | 305 | 295 | 310 | 305 | 320 | 280 | 185 | 125 | [VA] | 295 | 0 | 80 | 145 | 225 | 270 | 15 | |
| 11 | 195 | 235 | 200 | 140 | 150 | 180 | 120 | 335 | 290 | 315 | 345 | 305 | 280 | 290 | 330 | 245 | 245 | 225 | 280 | 260 | 180 | 170 | 140 | 180 | 9 | |
| 12 | 155 | 180 | 200 | 205 | 195 | 210 | 160 | 175 | 240 | 235 | 225 | 250 | 250 | 295 | 130 | 165 | 195 | 175 | 165 | 270 | 335 | 215 | 115 | 115 | 10 | |
| 13 | 105 | 135 | 150 | 130 | 125 | 165 | [VA] | 300 | 320 | [VA] | 5 | 305 | 290 | 305 | 315 | 265 | 265 | 290 | 270 | [VA] | 45 | 145 | 255 | [VA] | 14 | |
| 14 | 205 | 205 | [VA] | 110 | 235 | 125 | 140 | 275 | 285 | 290 | 330 | 0 | 310 | 305 | 285 | 265 | 260 | 275 | 285 | 290 | 240 | 230 | 225 | 240 | [VA] | |
| 15 | 235 | 215 | 165 | [VA] | 145 | 175 | [VA] | [VA] | 35 | 55 | 30 | 40 | 0 | [VA] | [VA] | [VA] | 0 | 5 | 30 | 45 | 130 | 100 | 145 | 140 | 3 | |
| 16 | 145 | 210 | 275 | 50 | 220 | 85 | [VA] | 80 | 0 | 45 | 30 | 320 | 290 | 315 | 295 | 340 | 340 | 335 | 345 | 30 | 55 | 175 | 230 | 225 | 16 | |
| 17 | 190 | 145 | 220 | 175 | 180 | 90 | 110 | [VA] | 240 | 275 | 280 | 330 | 310 | 275 | 250 | 260 | 300 | 315 | 285 | [VA] | [VA] | 190 | 100 | 115 | 13 | |
| 18 | 220 | [VA] | 140 | 270 | 260 | 255 | 240 | 115 | 100 | 300 | 280 | 300 | 290 | 300 | 300 | 285 | 275 | 280 | 265 | [VA] | [VA] | 110 | 115 | 175 | 13 | |
| 19 | 265 | 205 | 140 | 245 | 110 | 110 | 60 | 320 | 60 | [VA] | 300 | 310 | 330 | 265 | 180 | 165 | 130 | 130 | 175 | 180 | 175 | 250 | 230 | 135 | 7 | |
| 20 | 145 | 150 | 165 | 255 | 170 | 175 | 135 | 145 | 330 | 300 | 280 | 280 | 285 | [VA] | 45 | 295 | 255 | [VA] | 160 | 175 | 165 | 145 | 105 | 115 | 8 | |
| 21 | 220 | 90 | 330 | 175 | 110 | 140 | 130 | 255 | 315 | 315 | 300 | 295 | 285 | 315 | 300 | 275 | 320 | 315 | 305 | 330 | 320 | 275 | 95 | 210 | [VA] | |
| 22 | 165 | [VA] | [VA] | 170 | 170 | 220 | [VA] | 100 | 35 | 310 | 320 | 350 | 35 | 35 | 280 | 265 | 355 | 25 | 345 | 350 | 250 | 260 | 225 | 150 | [VA] | |
| 23 | [VA] | 95 | 150 | 145 | 135 | [VA] | 90 | 330 | 335 | 320 | 300 | 310 | 345 | 330 | 350 | 55 | 355 | 30 | 45 | 80 | 100 | 205 | 160 | 205 | 16 | |
| 24 | [VA] | 245 | 35 | 100 | 155 | 135 | 120 | 130 | [VA] | 260 | [VA] | 335 | 45 | 285 | 35 | [VA] | 175 | 180 | 145 | 165 | 170 | 195 | 215 | 190 | 9 | |
| 25 | 215 | 190 | 170 | 185 | 195 | 180 | 165 | 190 | 220 | 260 | 250 | 225 | 160 | 170 | 95 | 135 | 250 | 260 | 125 | 105 | 100 | 130 | 280 | 195 | 9 | |
| 26 | 240 | 250 | 150 | 145 | 140 | 120 | 185 | 320 | 65 | 0 | 325 | 295 | 275 | 305 | 250 | 170 | 115 | 115 | 110 | 120 | 180 | 145 | 170 | 210 | 6 | |
| 27 | 155 | 125 | 190 | 165 | 155 | 190 | [VA] | 275 | 260 | 245 | [VA] | 270 | [VA] | 5 | 10 | 275 | 265 | 315 | 295 | 270 | 255 | 255 | 150 | 105 | 13 | |
| 28 | [VA] | 170 | 170 | 170 | 155 | 155 | [VA] | [VA] | 75 | 0 | 125 | [VA] | 315 | 285 | 315 | 335 | 340 | 320 | 325 | 305 | 260 | 175 | 140 | 195 | 15 | |
| 29 | 195 | [VA] | 145 | 140 | 145 | 165 | 185 | [VA] | 285 | 315 | 285 | 320 | 55 | [VA] | 80 | 295 | 315 | 340 | 15 | 65 | 65 | 105 | 90 | 85 | 15 | |
| 30 | 0 | 5 | 80 | 215 | 165 | 230 | 180 | 260 | 310 | 15 | 340 | 330 | 300 | [VA] | 290 | 310 | 330 | 335 | 285 | 260 | 195 | 65 | 85 | 105 | 16 | |
| 31 | 85 | 230 | 275 | 270 | 305 | 125 | 125 | 110 | 35 | 340 | 325 | 330 | 290 | 305 | 5 | 340 | 325 | 270 | 255 | 225 | 230 | 295 | 85 | 110 | 15 | |
| PV | 9 | 9 | 8 | 7 | 7 | 8 | 7 | 13 | 14 | 14 | 14 | 15 | 15 | 14 | 14 | 13 | 16 | [VA] | [VA] | 13 | [VA] | 8 | 11 | 6 | 14 | |

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

MAY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 9 | 8 | 7 | 6 | 5 | 4 | 5 | 7 | 8 | 10 | 12 | 14 | 15 | 16 | 17 | 18 | 19 | 19 | 18 | 17 | 15 | 14 | 14 | 12 | 12 | 19 |
| 2 | 11 | 12 | 12 | 11 | 9 | 9 | 8 | 10 | 12 | 14 | 17 | 18 | 19 | 20 | 20 | 20 | 21 | 20 | 20 | 19 | 18 | 16 | 16 | 15 | 15 | 21 |
| 3 | 14 | 11 | 10 | 10 | 11 | 10 | 9 | 10 | 12 | 14 | 16 | 20 | 21 | 22 | 23 | 22 | 22 | 22 | 21 | 20 | 19 | 18 | 17 | 17 | 16 | 23 |
| 4 | 16 | 15 | 16 | 15 | 14 | 14 | 15 | 16 | 17 | 19 | 19 | 19 | 20 | 20 | 21 | 21 | 20 | 19 | 17 | 16 | 15 | 15 | 14 | 14 | 17 | 21 |
| 5 | 12 | 13 | 12 | 11 | 11 | 10 | 10 | 12 | 13 | 15 | 17 | 18 | 19 | 19 | 20 | 19 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 15 | 20 |
| 6 | 10 | 9 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 11 | 11 | 10 | 8 | 9 | 10 | 12 | 12 | 12 | 12 | 10 | 9 | 9 | 9 | 9 | 10 | 12 |
| 7 | 9 | 9 | 9 | 9 | 9 | 9 | 8 | 9 | 10 | 11 | 12 | 12 | 13 | 14 | 15 | 15 | 15 | 15 | 13 | 11 | 11 | 10 | 9 | 9 | 11 | 15 |
| 8 | 10 | 9 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 9 | 9 | 11 | 13 | 13 | 11 | 9 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 9 | 13 |
| 9 | 10 | 9 | 9 | 9 | 9 | 9 | 9 | 10 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 19 | 18 | 15 | 12 | 11 | 11 | 11 | 11 | 13 | 19 |
| 10 | 10 | 10 | 9 | 9 | 9 | 9 | 9 | 10 | 11 | 13 | 15 | 17 | 18 | 19 | 19 | 19 | 19 | 20 | 19 | 19 | 18 | 16 | 16 | 16 | 15 | 20 |
| 11 | 14 | 13 | 15 | 15 | 15 | 14 | 13 | 15 | 16 | 19 | 21 | 21 | 18 | 19 | 21 | 20 | 21 | 20 | 18 | 17 | 15 | 14 | 12 | 11 | 17 | 21 |
| 12 | 10 | 10 | 9 | 8 | 8 | 8 | 8 | 9 | 10 | 12 | 14 | 14 | 14 | 15 | 16 | 17 | 17 | 18 | 18 | 17 | 16 | 15 | 15 | 12 | 13 | 18 |
| 13 | 12 | 12 | 10 | 11 | 9 | 9 | 10 | 11 | 14 | 16 | 18 | 19 | 19 | 21 | 22 | 22 | 23 | 23 | 23 | 22 | 20 | 19 | 18 | 16 | 17 | 23 |
| 14 | 15 | 15 | 14 | 14 | 14 | 14 | 15 | 17 | 18 | 20 | 22 | 25 | 27 | 28 | 28 | 29 | 29 | 28 | 27 | 25 | 24 | 24 | 23 | 23 | 22 | 29 |
| 15 | 22 | 19 | 16 | 15 | 12 | 11 | 10 | 11 | 12 | 13 | 14 | 15 | 15 | (MT) | 15 | 15 | 14 | 14 | 12 | 11 | 10 | 9 | 8 | 8 | 13 | 22 |
| 16 | 7 | 6 | 6 | 5 | 5 | 5 | 6 | 7 | 8 | 10 | 12 | 13 | 14 | 16 | 17 | 17 | 18 | 18 | 18 | 17 | 16 | 15 | 14 | 12 | 12 | 18 |
| 17 | 12 | 12 | 11 | 11 | 10 | 9 | 10 | 12 | 14 | 16 | 19 | 21 | 23 | 25 | 26 | 26 | 26 | 26 | 25 | 23 | 23 | 21 | 22 | 20 | 18 | 26 |
| 18 | 20 | 17 | 17 | 17 | 17 | 15 | 16 | 18 | 20 | 21 | 24 | 25 | 26 | 27 | 27 | 26 | 26 | 25 | 25 | 24 | 22 | 22 | 21 | 20 | 22 | 27 |
| 19 | 20 | 19 | 19 | 19 | 18 | 17 | 17 | 19 | 20 | 21 | 22 | 21 | 20 | 19 | 18 | 19 | 18 | 19 | 19 | 20 | 18 | 17 | 16 | 16 | 19 | 22 |
| 20 | 15 | 15 | 15 | 15 | 14 | 14 | 14 | 14 | 15 | 16 | 18 | 18 | 16 | 16 | 17 | 18 | 19 | 19 | 18 | 17 | 16 | 15 | 15 | 15 | 16 | 19 |
| 21 | 15 | 14 | 13 | 14 | 13 | 13 | 13 | 14 | 15 | 15 | 15 | 14 | 12 | 12 | 13 | 14 | 14 | 13 | 12 | 12 | 12 | 11 | 10 | 10 | 13 | 15 |
| 22 | 10 | 11 | 10 | 10 | 10 | 10 | 11 | 11 | 12 | 14 | 15 | 16 | 17 | 12 | 13 | 13 | 13 | 12 | 11 | 11 | 11 | 11 | 11 | 11 | 12 | 16 |
| 23 | 11 | 10 | 10 | 10 | 9 | 9 | 10 | 10 | 12 | 13 | 14 | 16 | 17 | 18 | 19 | 20 | 20 | 20 | 19 | 18 | 17 | 16 | 16 | 14 | 14 | 20 |
| 24 | 13 | 13 | 13 | 13 | 13 | 12 | 13 | 13 | 14 | 16 | 17 | 18 | 18 | 19 | 20 | 20 | 15 | 15 | 15 | 14 | 14 | 14 | 13 | 12 | 15 | 20 |
| 25 | 12 | 10 | 10 | 9 | 10 | 9 | 9 | 11 | 13 | 15 | 17 | 19 | 19 | 17 | 18 | 14 | 14 | 16 | 16 | 15 | 14 | 13 | 13 | 13 | 14 | 19 |
| 26 | 12 | 12 | 10 | 11 | 10 | 10 | 10 | 12 | 13 | 15 | 16 | 17 | 18 | 19 | 20 | 20 | 21 | 21 | 20 | 19 | 18 | 17 | 16 | 16 | 16 | 21 |
| 27 | 15 | 12 | 13 | 12 | 11 | 11 | 12 | 14 | 16 | 17 | 20 | 22 | 23 | 24 | 25 | 25 | 25 | 25 | 25 | 23 | 22 | 20 | 20 | 20 | 19 | 25 |
| 28 | 19 | 19 | 17 | 15 | 15 | 16 | 15 | 16 | 18 | 21 | 22 | 21 | 24 | 26 | 27 | 27 | 27 | 26 | 26 | 24 | 23 | 22 | 21 | 20 | 21 | 27 |
| 29 | 18 | 17 | 18 | 17 | 15 | 15 | 15 | 15 | 17 | 19 | 20 | 22 | 22 | 23 | 23 | 20 | 20 | 20 | 19 | 18 | 17 | 15 | 14 | 14 | 18 | 23 |
| 30 | 13 | 13 | 12 | 11 | 10 | 10 | 11 | 13 | 14 | 15 | 16 | 18 | 19 | 20 | 20 | 20 | 16 | 15 | 14 | 13 | 13 | 13 | 13 | 12 | 14 | 20 |
| 31 | 13 | 13 | 12 | 11 | 12 | 10 | 11 | 12 | 14 | 16 | 19 | 21 | 23 | 23 | 24 | 25 | 25 | 25 | 24 | 22 | 22 | 20 | 19 | 19 | 18 | 25 |
| AV | 13 | 12 | 12 | 12 | 11 | 11 | 11 | 12 | 13 | 15 | 17 | 18 | 18 | 19 | 20 | 19 | 19 | 19 | 18 | 17 | 16 | 15 | 15 | 14 | 15 | [ ] |
| SD | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 5 | 4 | 4 | 5 | 4 | 5 | 4 | 4 | 4 | 4 | 4 | 3 | [ ] |

OUTPT [VERSION N 28 JUL 76]

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

JUNE,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 18 | 16 | 17 | 17 | 16 | 13 | 15 | 17 | 19 | 22 | 24 | 25 | 25 | 26 | 27 | 27 | 28 | 27 | 27 | 25 | 23 | 23 | 22 | 21 | 22 | 28 |
| 2 | 21 | 21 | 16 | 17 | 17 | 16 | 16 | 18 | 20 | 22 | 25 | 26 | 26 | 28 | 28 | 28 | 28 | 28 | 27 | 26 | 24 | 23 | 23 | 22 | 23 | 28 |
| 3 | 21 | 20 | 19 | 18 | 18 | 18 | 17 | 20 | 22 | 25 | 26 | 26 | 26 | 26 | 26 | 27 | 28 | 27 | 27 | 25 | 23 | 23 | 22 | 22 | 23 | 28 |
| 4 | 21 | 20 | 18 | 18 | 17 | 17 | 16 | 18 | 20 | 23 | 25 | 26 | 27 | 27 | 27 | 28 | 28 | 27 | 26 | 25 | 23 | 22 | 22 | 21 | 23 | 28 |
| 5 | 18 | 19 | 18 | 17 | 17 | 16 | 16 | 18 | 20 | 22 | 24 | 27 | 27 | 28 | 28 | 28 | 29 | 28 | 28 | 26 | 25 | 23 | 23 | 21 | 23 | 29 |
| 6 | 20 | 21 | 20 | 19 | 19 | 17 | 16 | 19 | 22 | 25 | 26 | 27 | 27 | 27 | 28 | 28 | 28 | 27 | 25 | 23 | 22 | 21 | 21 | 20 | 23 | 28 |
| 7 | 20 | 20 | 18 | 18 | 16 | 18 | 19 | 21 | 22 | 24 | 26 | 27 | 27 | 27 | 28 | 27 | 27 | 27 | 26 | 25 | 24 | 22 | 22 | 21 | 23 | 28 |
| 8 | 20 | 21 | 18 | 17 | 19 | 19 | 20 | 23 | 24 | 26 | 27 | 27 | 27 | 27 | 26 | 28 | 28 | 27 | 28 | 26 | 25 | 24 | 23 | 22 | 24 | 28 |
| 9 | 21 | 21 | 20 | 19 | 19 | 18 | 19 | 21 | 22 | 23 | 26 | 27 | 27 | 28 | 28 | 28 | 28 | 28 | 27 | 26 | 24 | 23 | 21 | 21 | 24 | 28 |
| 10 | 21 | 20 | 19 | 19 | 20 | 21 | 21 | 23 | 23 | 24 | 25 | 25 | 27 | 27 | 28 | 28 | 28 | 27 | 26 | 25 | 22 | 17 | 16 | 15 | 23 | 28 |
| 11 | 14 | 14 | 14 | 13 | 13 | 13 | 13 | 15 | 15 | 16 | 17 | 17 | 17 | 17 | 18 | 19 | 18 | 14 | 14 | 13 | 10 | 11 | 10 | 10 | 14 | 19 |
| 12 | 10 | 10 | 10 | 9 | 9 | 9 | 11 | 12 | 14 | 15 | 17 | 18 | 19 | 19 | 19 | 20 | 20 | 20 | 20 | 19 | 18 | 17 | 17 | 16 | 15 | 20 |
| 13 | 15 | 15 | 15 | 14 | 14 | 14 | 14 | 15 | 16 | 17 | 18 | 18 | 17 | 18 | 18 | 17 | 15 | 15 | 8 | 6 | 5 | 4 | 4 | 3 | 13 | 18 |
| 14 | 3 | 3 | 2 | 2 | 3 | 3 | 4 | 6 | 7 | 9 | 10 | 11 | 13 | 14 | 15 | 15 | 16 | 16 | 15 | 13 | 12 | 11 | 11 | 10 | 9 | 16 |
| 15 | 9 | 9 | 9 | 7 | 7 | 7 | 8 | 10 | 11 | 13 | 15 | 16 | 18 | 20 | 21 | 22 | 22 | 23 | 22 | 20 | 19 | 18 | 18 | 17 | 15 | 23 |
| 16 | 17 | 18 | 13 | 17 | 17 | 16 | 18 | 18 | 19 | 19 | 18 | 20 | 20 | 20 | 21 | 22 | 20 | 19 | 18 | 18 | 17 | 13 | 10 | 10 | 18 | 22 |
| 17 | 10 | 11 | 10 | 11 | 11 | 10 | 11 | 12 | 12 | 14 | 15 | 17 | 18 | 17 | 17 | 16 | 14 | 14 | 13 | 14 | 13 | 12 | 11 | 11 | 13 | 18 |
| 18 | 10 | 10 | 9 | 9 | 9 | 9 | 9 | 11 | 13 | 14 | 16 | 18 | 20 | 21 | 22 | 22 | 22 | 23 | 22 | 20 | 18 | 17 | 16 | 15 | 16 | 23 |
| 19 | 15 | 14 | 13 | 12 | 11 | 11 | 11 | 13 | 15 | 17 | 20 | 22 | 24 | 25 | 26 | 27 | 28 | 28 | 28 | 27 | 25 | 24 | 23 | 21 | 20 | 28 |
| 20 | 21 | 20 | 20 | 18 | 18 | 17 | 17 | 20 | 21 | 24 | 28 | 31 | 31 | 31 | 32 | 32 | 31 | 31 | 31 | 29 | 28 | 27 | 25 | 24 | 25 | 32 |
| 21 | 24 | 23 | 22 | 21 | 19 | 22 | 23 | 24 | 24 | 26 | 29 | 30 | 31 | 30 | 31 | 32 | 31 | 31 | 30 | 29 | 27 | 26 | 25 | 24 | 26 | 32 |
| 22 | 24 | 23 | 23 | 22 | 19 | 15 | 14 | 14 | 14 | 16 | 18 | 12 | 15 | 17 | 18 | 18 | 18 | 13 | 13 | 13 | 12 | 12 | 12 | 12 | 16 | 24 |
| 23 | 12 | 12 | 12 | 11 | 11 | 11 | 12 | 13 | 14 | 15 | 17 | 18 | 19 | 20 | 21 | 21 | 21 | 20 | 19 | 17 | 16 | 14 | 14 | 13 | 16 | 21 |
| 24 | 13 | 12 | 11 | 11 | 9 | 9 | 11 | 13 | 14 | 15 | 16 | 18 | 19 | 21 | 21 | 22 | 23 | 23 | 23 | 21 | 20 | 19 | 18 | 17 | 17 | 23 |
| 25 | 15 | 15 | 13 | 13 | 13 | 13 | 14 | 17 | 18 | 22 | 24 | 24 | 25 | 25 | 26 | 27 | 26 | 27 | 27 | 26 | 25 | 24 | 23 | 22 | 21 | 27 |
| 26 | 21 | 19 | 19 | 18 | 17 | 16 | 16 | 17 | 18 | 19 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 27 | 26 | 25 | 24 | 23 | 22 | 22 | 22 | 27 |
| 27 | 20 | 19 | 18 | 16 | 16 | 16 | 15 | 17 | 19 | 21 | 24 | 26 | 29 | 30 | 31 | 31 | 32 | 31 | 30 | 29 | 27 | 26 | 26 | 23 | 24 | 32 |
| 28 | 23 | 21 | 20 | 18 | 18 | 18 | 17 | 19 | 20 | 23 | 26 | 29 | 30 | 31 | 32 | 32 | 33 | 32 | 32 | 30 | 29 | 27 | 26 | 25 | 25 | 33 |
| 29 | 24 | 22 | 21 | 20 | 19 | 19 | 19 | 20 | 23 | 25 | 27 | 30 | 32 | 32 | 32 | 32 | 33 | 33 | 32 | 30 | 28 | 27 | 26 | 25 | 26 | 33 |
| 30 | 25 | 24 | 24 | 24 | 23 | 23 | 24 | 25 | 27 | 28 | 29 | 30 | 30 | 29 | 30 | 29 | 27 | 24 | 22 | 22 | 22 | 22 | 22 | 22 | 25 | 30 |
| 31 | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] |
| AV | 18 | 17 | 16 | 16 | 15 | 15 | 15 | 17 | 18 | 20 | 22 | 23 | 24 | 24 | 25 | 25 | 25 | 25 | 24 | 22 | 21 | 20 | 19 | 18 | 20 | [ ] |
| SD | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 5 | 5 | [ ] |

OUTPT [VERSION N 28 JUL 76]

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

JULY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 21 | 21 | 20 | 20 | 19 | 19 | 20 | 22 | 23 | 25 | 27 | 25 | 25 | 26 | 29 | 30 | 30 | 30 | 29 | 28 | 26 | 25 | 24 | 23 | 24 | 30 |
| 2 | 22 | 20 | 21 | 20 | 19 | 18 | 17 | 19 | 20 | 23 | 24 | 26 | 28 | 28 | 30 | 31 | 31 | 30 | 30 | 28 | 26 | 25 | 24 | 22 | 24 | 31 |
| 3 | 21 | 20 | 19 | 18 | 17 | 16 | 17 | 18 | 20 | 22 | 6 | 27 | 27 | 30 | 31 | 31 | 31 | 31 | 31 | 30 | 28 | 26 | 24 | 24 | 24 | 31 |
| 4 | 23 | 22 | 22 | 21 | 20 | 19 | 19 | 21 | 23 | 25 | 27 | 8 | 23 | 23 | 23 | 21 | 22 | 21 | 22 | 24 | 26 | 27 | 29 | 21 | 22 | 29 |
| 5 | 32 | 33 | 32 | 32 | 33 | 33 | 32 | 22 | 23 | 26 | 28 | 30 | 32 | 33 | 34 | 34 | 34 | 33 | 33 | 32 | 30 | 29 | 27 | 27 | 31 | 34 |
| 6 | 25 | 24 | 23 | 24 | 23 | 22 | 22 | 22 | 23 | 26 | 29 | 31 | 32 | 33 | 33 | 34 | 33 | 32 | 31 | 30 | 29 | 28 | 28 | 27 | 28 | 34 |
| 7 | 26 | 24 | 24 | 24 | 23 | 23 | 23 | 25 | 27 | 29 | 31 | 30 | 30 | 31 | 29 | 30 | 31 | 30 | 29 | 29 | 28 | 27 | 26 | 25 | 27 | 31 |
| 8 | 23 | 23 | 23 | 21 | 22 | 21 | 22 | 24 | 26 | 27 | 29 | 31 | 32 | 33 | 32 | 32 | 33 | 33 | 32 | 31 | 30 | 29 | 28 | 28 | 28 | 33 |
| 9 | 30 | 27 | 27 | 26 | 26 | 26 | 27 | 28 | 30 | 30 | 32 | 33 | 34 | 35 | 35 | 35 | 35 | 35 | 34 | 33 | 32 | 30 | 28 | 28 | 31 | 35 |
| 10 | 27 | 26 | 26 | 25 | 24 | 24 | 24 | 26 | 29 | 30 | 32 | 33 | 34 | 35 | 36 | 33 | 33 | 33 | 32 | 32 | 30 | 28 | 26 | 25 | 29 | 36 |
| 11 | 24 | 24 | 23 | 23 | 22 | 22 | 22 | 23 | 25 | 27 | 30 | 31 | 33 | 34 | 33 | 32 | 32 | 32 | 30 | 29 | 28 | 27 | 27 | 27 | 28 | 34 |
| 12 | 26 | 26 | 25 | 24 | 24 | 24 | 24 | 26 | 27 | 27 | 28 | 30 | 29 | 27 | 25 | 25 | 25 | 26 | 27 | 26 | 24 | 23 | 23 | 23 | 26 | 30 |
| 13 | 22 | 22 | 21 | 20 | 19 | 19 | 19 | 20 | 21 | 24 | 26 | 27 | 29 | 30 | 30 | 31 | 30 | 30 | 30 | 29 | 28 | 27 | 26 | 25 | 25 | 31 |
| 14 | 25 | 22 | 22 | 21 | 19 | 19 | 20 | 20 | 23 | 25 | 28 | 30 | 31 | 30 | 29 | 28 | 30 | 30 | 29 | 28 | 27 | 25 | 24 | 24 | 25 | 31 |
| 15 | 23 | 22 | 20 | 20 | 19 | 19 | 18 | 21 | 23 | 25 | 27 | 29 | 29 | 30 | 31 | 31 | 31 | 31 | 31 | 30 | 29 | 27 | 26 | 25 | 26 | 31 |
| 16 | 25 | 23 | 21 | 20 | 20 | 20 | 19 | 20 | 22 | 25 | 28 | 30 | 32 | 33 | 33 | 34 | 34 | 33 | 33 | 31 | 30 | 29 | 28 | 27 | 27 | 34 |
| 17 | 26 | 25 | 25 | 24 | 24 | 22 | 24 | 25 | 27 | 29 | 29 | 30 | 30 | 31 | 32 | 32 | 28 | 27 | 24 | 20 | 19 | 18 | 17 | 17 | 25 | 32 |
| 18 | 17 | 16 | 17 | 16 | 16 | 16 | 16 | 17 | 18 | 20 | 20 | 19 | 21 | 22 | 22 | 22 | 20 | 20 | 20 | 19 | 19 | 18 | 18 | 18 | 19 | 22 |
| 19 | 18 | 18 | 17 | 17 | 17 | 16 | 17 | 18 | 19 | 21 | 23 | 24 | 26 | 26 | 25 | 25 | 26 | 26 | 23 | 21 | 19 | 20 | 17 | 16 | 21 | 26 |
| 20 | 17 | 16 | 16 | 15 | 15 | 15 | 15 | 16 | 19 | 20 | 22 | 24 | 25 | 26 | 27 | 24 | 20 | 21 | 23 | 23 | 22 | 21 | 20 | 19 | 20 | 27 |
| 21 | 19 | 18 | 18 | 18 | 17 | 17 | 17 | 18 | 20 | 22 | 25 | 26 | 27 | 28 | 29 | 30 | 30 | 29 | 28 | 27 | 26 | 24 | 25 | 23 | 23 | 30 |
| 22 | 22 | 20 | 20 | 19 | 19 | 19 | 18 | 21 | 22 | 24 | 26 | 29 | 30 | 31 | 32 | 32 | 31 | 31 | 31 | 29 | 28 | 27 | 26 | 25 | 25 | 32 |
| 23 | 23 | 21 | 22 | 21 | 20 | 19 | 20 | 21 | 23 | 25 | 27 | 29 | 32 | 32 | 33 | 33 | 33 | 33 | 32 | 31 | 29 | 27 | 26 | 25 | 27 | 33 |
| 24 | 24 | 24 | 22 | 22 | 23 | 20 | 21 | 24 | 26 | 27 | 28 | 30 | 30 | 30 | 31 | 32 | 31 | 31 | 30 | 29 | 28 | 27 | 26 | 25 | 27 | 32 |
| 25 | 24 | 24 | 23 | 22 | 22 | 22 | 22 | 24 | 25 | 25 | 25 | 28 | 27 | 26 | 25 | 21 | 18 | 19 | 18 | 18 | 18 | 19 | 19 | 18 | 22 | 28 |
| 26 | 18 | 17 | 17 | 17 | 17 | 17 | 17 | 16 | 17 | 19 | 21 | 23 | 25 | 26 | 26 | 26 | 26 | 26 | 26 | 25 | 24 | 23 | 23 | 22 | 26 | |
| 27 | 22 | 20 | 20 | 20 | 20 | 19 | 19 | 21 | 23 | 25 | 27 | 29 | 28 | 30 | 31 | 31 | 31 | 30 | 29 | 28 | 27 | 27 | 25 | 23 | 25 | 31 |
| 28 | 23 | 22 | 21 | 21 | 20 | 19 | 19 | 20 | 23 | 26 | 29 | 30 | 31 | 32 | 32 | 31 | 31 | 30 | 30 | 28 | 27 | 27 | 26 | 25 | 26 | 32 |
| 29 | 24 | 24 | 23 | 22 | 22 | 21 | 22 | 24 | 25 | 27 | 29 | 30 | 31 | 27 | 30 | 30 | 31 | 30 | 30 | 28 | 28 | 27 | 26 | 25 | 26 | 31 |
| 30 | 24 | 24 | 23 | 22 | 21 | 21 | 21 | 21 | 23 | 24 | 26 | 28 | 29 | 30 | 31 | 31 | 31 | 31 | 28 | 26 | 25 | 24 | 22 | 21 | 25 | 31 |
| 31 | 21 | 20 | 20 | 18 | 18 | 17 | 18 | 19 | 21 | 23 | 24 | 26 | 27 | 28 | 29 | 30 | 29 | 26 | 24 | 24 | 21 | 18 | 16 | 17 | 22 | 30 |
| AV | 23 | 22 | 22 | 21 | 21 | 20 | 20 | 21 | 23 | 25 | 26 | 28 | 29 | 30 | 30 | 30 | 29 | 29 | 28 | 27 | 26 | 25 | 24 | 23 | 25 | [ ] |
| SD | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 5 | 5 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 3 | 3 | [ ] |

OUTPT (VERSION N 28 JUL 76)

SIGMA THETA
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

MAY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 7 | 8 | 8 | 7 | 5 | 7 | 8 | 7 | 9 | 10 | 11 | 11 | 12 | 13 | 12 | 13 | 10 | 9 | 9 | 8 | 10 | 9 | 12 | 14 | 10 | 14 |
| 2 | 16 | 18 | 17 | 14 | 10 | 10 | 9 | 8 | 9 | 9 | 10 | 10 | 11 | 11 | 11 | 12 | 12 | 10 | 8 | 5 | 5 | 5 | 5 | 5 | 10 | 18 |
| 3 | 5 | 7 | 9 | 8 | 5 | 5 | 6 | 8 | 9 | 9 | 10 | 10 | 10 | 10 | 10 | 10 | 12 | 15 | 12 | 16 | 17 | 16 | 10 | 16 | 10 | 17 |
| 4 | 16 | 16 | 16 | 18 | 18 | 16 | 16 | 17 | 16 | 11 | 9 | 11 | 10 | 12 | 11 | 9 | 8 | 9 | 9 | 9 | 8 | 15 | 15 | 13 | 13 | 13 |
| 5 | 11 | 9 | 8 | 6 | 9 | 12 | 10 | 9 | 9 | 9 | 10 | 10 | 12 | 13 | 14 | 12 | 12 | 8 | 8 | 9 | 9 | 6 | 8 | 6 | 10 | 14 |
| 6 | 6 | 5 | 8 | 5 | 6 | 6 | 7 | 7 | 7 | 8 | 9 | 7 | 11 | 8 | 11 | 8 | 9 | 5 | 7 | 9 | 11 | 15 | 10 | 7 | 8 | 15 |
| 7 | 8 | 9 | 7 | 6 | 6 | 10 | 8 | 7 | 7 | 7 | 8 | 8 | 9 | 8 | 8 | 8 | 7 | 7 | 7 | 4 | 10 | 11 | 5 | 5 | 8 | 11 |
| 8 | 5 | 5 | 5 | 6 | 6 | 6 | 10 | 6 | 5 | 6 | 7 | 7 | 7 | 8 | 8 | 9 | 11 | 9 | 7 | 7 | 8 | 9 | 10 | 11 | 7 | 11 |
| 9 | 11 | 12 | 14 | 17 | 12 | 11 | 11 | 11 | 11 | 11 | 11 | 12 | 12 | 11 | 12 | 12 | 10 | 7 | 7 | 8 | 10 | 9 | 11 | 12 | 11 | 17 |
| 10 | 11 | 13 | 13 | 6 | 5 | 6 | 7 | 8 | 9 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 12 | 8 | 5 | 10 | 12 | 13 | 14 | 10 | 14 |
| 11 | 16 | 17 | 17 | 17 | 16 | 12 | 11 | 10 | 10 | 12 | 8 | 7 | 7 | 8 | 8 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 10 | 17 |
| 12 | 5 | 5 | 9 | 5 | 6 | 7 | 8 | 9 | 10 | 10 | 11 | 12 | 11 | 12 | 12 | 11 | 10 | 9 | 8 | 7 | 7 | 7 | 8 | 8 | 9 | 12 |
| 13 | 8 | 8 | 7 | 9 | 5 | 5 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 10 | 10 | 9 | 9 | 9 | 8 | 10 |
| 14 | 8 | 8 | 8 | 8 | 7 | 7 | 6 | 8 | 10 | 12 | 12 | 12 | 12 | 11 | 11 | 10 | 9 | 9 | 13 | 15 | 10 | 14 | 20 | 18 | 11 | 20 |
| 15 | 12 | 8 | 11 | 11 | 11 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 9 | [MT] | 8 | 8 | 8 | 8 | 7 | 7 | 7 | 7 | 7 | 7 | 9 | 12 |
| 16 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 10 | 10 | 10 | 10 | 11 | 10 | 7 | 7 | 6 | 6 | 6 | 8 | 11 |
| 17 | 7 | 7 | 9 | 10 | 12 | 14 | 14 | 14 | 12 | 12 | 13 | 14 | 14 | 16 | 17 | 15 | 15 | 13 | 12 | 6 | 7 | 9 | 11 | 9 | 12 | 17 |
| 18 | 8 | 7 | 7 | 8 | 9 | 9 | 8 | 8 | 8 | 9 | 9 | 10 | 10 | 11 | 11 | 13 | 11 | 9 | 11 | 7 | 5 | 6 | 9 | 9 | 9 | 13 |
| 19 | 11 | 11 | 12 | 13 | 9 | 6 | 7 | 14 | 12 | 11 | 11 | 10 | 11 | 11 | 11 | 12 | 12 | 12 | 11 | 11 | 9 | 9 | 9 | 8 | 11 | 14 |
| 20 | 7 | 6 | 7 | 8 | 10 | 13 | 13 | 12 | 11 | 11 | 10 | 9 | 9 | 9 | 10 | 11 | 12 | 14 | 15 | 15 | 14 | 13 | 12 | 10 | 11 | 15 |
| 21 | 9 | 8 | 7 | 7 | 8 | 8 | 9 | 9 | 9 | 10 | 11 | 12 | 12 | 11 | 10 | 9 | 9 | 8 | 7 | 10 | 12 | 5 | 6 | 7 | 9 | 12 |
| 22 | 10 | 14 | 15 | 12 | 10 | 8 | 8 | 9 | 16 | 11 | 10 | 13 | 11 | 8 | 9 | 10 | 11 | 13 | 19 | 11 | 12 | 12 | 13 | 11 | 12 | 19 |
| 23 | 11 | 11 | 11 | 11 | 11 | 11 | 13 | 16 | 9 | 10 | 11 | 14 | 15 | 11 | 18 | 16 | 15 | 14 | 14 | 12 | 12 | 10 | 10 | 9 | 12 | 18 |
| 24 | 9 | 9 | 10 | 9 | 9 | 9 | 9 | 8 | 7 | 8 | 8 | 9 | 11 | 13 | 14 | 12 | 11 | 9 | 8 | 11 | 19 | 19 | 19 | 19 | 11 | 19 |
| 25 | 20 | 21 | 22 | 21 | 20 | 20 | 19 | 18 | 17 | 17 | 17 | 15 | 9 | 8 | 11 | 8 | 8 | 8 | 6 | 8 | 8 | 8 | 8 | 8 | 14 | 22 |
| 26 | 8 | 8 | 9 | 9 | 10 | 10 | 11 | 11 | 9 | 10 | 14 | 16 | 19 | 17 | 16 | 15 | 13 | 13 | 12 | 12 | 11 | 11 | 11 | 10 | 12 | 19 |
| 27 | 10 | 10 | 7 | 7 | 7 | 7 | 7 | 8 | 11 | 13 | 14 | 13 | 15 | 13 | 13 | 13 | 11 | 11 | 8 | 9 | 10 | 9 | 9 | 9 | 10 | 15 |
| 28 | 11 | 9 | 9 | 9 | 9 | 9 | 9 | 13 | 13 | 10 | 10 | 8 | 9 | 10 | 11 | 12 | 14 | 14 | 19 | 22 | 17 | 17 | 17 | 15 | 12 | 22 |
| 29 | 11 | 9 | 7 | 6 | 5 | 7 | 7 | 8 | 9 | 10 | 11 | 13 | 11 | 10 | 9 | 8 | 9 | 14 | 9 | 7 | 6 | 5 | 5 | 6 | 8 | 14 |
| 30 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 7 | 8 | 9 | 10 | 14 | 16 | 11 | 14 | 12 | 11 | 11 | 11 | 12 | 12 | 12 | 12 | 12 | 10 | 16 |
| 31 | 12 | 12 | 12 | 11 | 10 | 10 | 10 | 11 | 11 | 12 | 13 | 14 | 14 | 14 | 14 | 12 | 13 | 12 | 7 | 6 | 12 | 10 | 9 | 8 | 11 | 14 |
| AV | 10 | 10 | 10 | 10 | 9 | 9 | 9 | 10 | 10 | 10 | 10 | 11 | 11 | 11 | 11 | 11 | 11 | 10 | 10 | 9 | 10 | 10 | 10 | 10 | 10 [ ] | |
| SD | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 2 | 2 | 2 | 3 | 2 | 3 | 2 | 2 | 3 | 3 | 4 | 3 | 4 | 4 | 4 | 2 [ ] | |

OUTPT [VERSION N 28 JUL 76]

SIGMA-THETA
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

JUNE,1976

AEROVIRONMENT INC.

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*                    *
*  PRELIMINARY DATA  *
*  AS OF 19/SEP/76   *
*                    *
**********************
*                    *
*    SUBJECT TO      *
*     REVISION       *
*                    *
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CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 8 | 9 | 9 | 8 | 7 | 5 | 8 | 15 | 17 | 17 | 13 | 14 | 14 | 12 | 11 | 10 | 10 | 8 | 7 | 6 | 15 | 14 | 14 | 15 | 11 | 17 |
| 2 | 13 | 14 | 14 | 10 | 10 | 12 | 7 | 10 | 12 | 14 | 16 | 10 | 10 | 10 | 12 | 14 | 15 | 15 | 16 | 14 | 12 | 14 | 15 | 15 | 13 | 16 |
| 3 | 11 | 14 | 15 | 16 | 11 | 9 | 11 | 12 | 15 | 16 | 16 | 15 | 14 | 13 | 12 | 15 | 17 | 17 | 11 | 7 | 10 | 16 | 18 | 17 | 14 | 18 |
| 4 | 17 | 15 | 12 | 10 | 10 | 10 | 9 | 11 | 13 | 14 | 14 | 16 | 16 | 17 | 18 | 18 | 15 | 12 | 11 | 8 | 9 | 10 | 12 | 10 | 13 | 18 |
| 5 | 11 | 12 | 9 | 10 | 10 | 14 | 16 | 15 | 17 | 17 | 18 | 18 | 18 | 19 | 19 | 20 | 20 | 19 | 18 | 14 | 16 | 16 | 17 | 19 | 16 | 20 |
| 6 | 17 | 16 | 20 | 20 | 17 | 14 | 9 | 11 | 13 | 16 | 20 | 22 | 18 | 19 | 18 | 19 | 18 | 16 | 17 | 18 | 17 | 16 | 14 | 13 | 17 | 22 |
| 7 | 12 | 11 | 10 | 9 | 10 | 11 | 13 | 15 | 17 | 20 | 22 | 16 | 15 | 12 | 11 | 12 | 12 | 11 | 12 | 13 | 13 | 13 | 13 | 13 | 13 | 22 |
| 8 | 14 | 14 | 14 | 10 | 9 | 12 | 14 | 16 | 19 | 21 | 19 | 18 | 16 | 14 | 12 | 15 | 19 | 12 | 9 | 6 | 8 | 15 | 10 | 9 | 14 | 21 |
| 9 | 11 | 9 | 10 | 10 | 11 | 12 | 13 | 13 | 12 | 10 | 11 | 13 | 14 | 15 | 16 | 17 | 19 | 13 | 13 | 12 | 14 | 15 | 13 | 7 | 13 | 19 |
| 10 | 8 | 10 | 12 | 14 | 16 | 15 | 15 | 16 | 18 | 18 | 19 | 19 | 20 | 21 | 22 | 22 | 20 | 24 | 18 | 15 | 10 | 9 | 7 | 7 | 16 | 24 |
| 11 | 6 | 7 | 10 | 13 | 15 | 14 | 9 | 12 | 11 | 19 | 16 | 16 | 15 | 9 | 8 | 9 | 8 | 7 | 7 | 7 | 12 | 11 | 13 | 12 | 11 | 19 |
| 12 | 6 | 8 | 9 | 8 | 9 | 9 | 11 | 12 | 10 | 9 | 9 | 10 | 12 | 9 | 9 | 9 | 10 | 9 | 8 | 6 | 8 | 14 | 15 | 14 | 10 | 15 |
| 13 | 15 | 16 | 14 | 6 | 9 | 11 | 13 | 12 | 11 | 10 | 12 | 7 | 7 | 10 | 10 | 12 | 11 | 7 | 10 | 8 | 8 | 9 | 9 | 10 | 10 | 16 |
| 14 | 10 | 11 | 11 | 10 | 12 | 17 | 17 | 10 | 7 | 10 | 10 | 12 | 18 | 12 | 12 | 11 | 13 | 14 | 14 | 11 | 13 | 13 | 16 | 9 | 12 | 18 |
| 15 | 11 | 10 | 10 | 9 | 12 | 15 | 10 | 16 | 18 | 21 | 20 | 20 | 19 | 19 | 19 | 16 | 19 | 14 | 13 | 14 | 16 | 15 | 15 | 15 | 15 | 21 |
| 16 | 19 | 22 | 21 | 17 | 13 | 13 | 12 | 12 | 11 | 12 | 9 | 10 | 10 | 10 | 11 | 11 | 10 | 8 | 9 | 8 | 7 | 9 | 10 | 13 | 12 | 22 |
| 17 | 16 | 15 | 13 | 11 | 11 | 10 | 9 | 9 | 11 | 11 | 12 | 13 | 14 | 13 | 12 | 10 | 9 | 10 | 11 | 10 | 10 | 12 | 9 | 12 | 11 | 16 |
| 18 | 16 | 14 | 14 | 13 | 13 | 12 | 11 | 11 | 13 | 10 | 11 | 10 | 11 | 12 | 12 | 14 | 13 | 11 | 10 | 8 | 8 | 10 | 9 | 7 | 11 | 16 |
| 19 | 7 | 7 | 8 | 8 | 9 | 9 | 8 | 12 | 14 | 17 | 16 | 15 | 12 | 15 | 14 | 16 | 15 | 13 | 11 | 8 | 8 | 11 | 14 | 16 | 12 | 17 |
| 20 | 17 | 12 | 8 | 8 | 7 | 7 | 9 | 11 | 16 | 17 | 19 | 20 | 11 | 13 | 14 | 16 | 12 | 13 | 12 | 12 | 12 | 13 | 14 | 12 | 13 | 20 |
| 21 | 12 | 16 | 15 | 14 | 16 | 18 | 18 | 17 | 10 | 10 | 11 | 10 | 11 | 11 | 8 | 9 | 10 | 11 | 15 | 17 | 18 | 17 | 15 | 17 | 14 | 18 |
| 22 | 14 | 12 | 16 | 15 | 14 | 17 | 14 | 13 | 13 | 13 | 18 | 8 | 9 | 11 | 14 | 14 | 12 | 8 | 7 | 11 | 18 | 19 | 17 | 20 | 14 | 20 |
| 23 | 19 | 20 | 14 | 12 | 13 | 13 | 9 | 7 | 8 | 9 | 10 | 11 | 11 | 9 | 9 | 8 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 10 | 20 |
| 24 | 8 | 8 | 12 | 15 | 15 | 11 | 16 | 16 | 10 | 10 | 10 | 12 | 12 | 11 | 9 | 11 | 12 | 9 | 7 | 7 | 7 | 6 | 6 | 9 | 10 | 16 |
| 25 | 12 | 6 | 8 | 10 | 11 | 13 | 14 | 15 | 10 | 11 | 9 | 7 | 10 | 10 | 9 | 9 | 9 | 8 | 7 | 7 | 6 | 9 | 14 | 16 | 10 | 16 |
| 26 | 12 | 9 | 9 | 8 | 6 | 6 | 9 | 12 | 14 | 10 | 12 | 12 | 11 | 12 | 11 | 11 | 11 | 11 | 15 | 11 | 10 | 9 | 6 | 5 | 10 | 15 |
| 27 | 7 | 8 | 9 | 10 | 11 | 13 | 11 | 11 | 11 | 15 | 19 | 18 | 12 | 9 | 12 | 11 | 11 | 9 | 12 | 11 | 8 | 6 | 6 | 8 | 11 | 19 |
| 28 | 11 | 10 | 11 | 8 | 7 | 6 | 7 | 9 | 9 | 10 | 11 | 14 | 15 | 17 | 16 | 15 | 14 | 14 | 13 | 9 | 12 | 16 | 20 | 12 | 12 | 20 |
| 29 | 8 | 7 | 11 | 14 | 12 | 13 | 14 | 11 | 13 | 14 | 14 | 12 | 11 | 10 | 11 | 15 | 13 | 12 | 11 | 10 | 11 | 11 | 12 | 14 | 12 | 15 |
| 30 | 15 | 14 | 16 | 16 | 14 | 16 | 15 | 14 | 13 | 12 | 16 | 20 | 20 | 19 | 18 | 16 | 12 | 8 | 7 | 12 | 14 | 15 | 16 | 17 | 15 | 20 |
| 31 | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] |
| AV | 12 | 12 | 12 | 11 | 11 | 12 | 12 | 13 | 13 | 14 | 14 | 14 | 14 | 13 | 13 | 14 | 13 | 12 | 11 | 10 | 11 | 12 | 13 | 12 | 12 | [ ] |
| SD | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 4 | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 4 | 4 | 2 | [ ] |

OUTPT [VERSION N 28 JUL 76]

SIGMA THETA
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

JULY,1976

AEROVIRONMENT INC.

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**********************
*                    *
* PRELIMINARY DATA   *
* AS OF 19/SEP/76    *
*                    *
**********************
*                    *
*   SUBJECT TO       *
*     REVISION       *
*                    *
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CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 16 | 11 | 9 | 10 | 11 | 12 | 13 | 14 | 16 | 14 | 13 | 14 | 9 | 9 | 9 | 10 | 11 | 15 | 13 | 14 | 12 | 12 | 11 | 10 | 12 | 16 |
| 2 | 8 | 6 | 7 | 8 | 7 | 9 | 11 | 12 | 13 | 11 | 12 | 12 | 14 | 15 | 15 | 9 | 8 | 8 | 8 | 6 | 5 | 7 | 7 | 12 | 10 | 15 |
| 3 | 8 | 8 | 10 | 11 | 9 | 7 | 6 | 8 | 10 | 11 | 12 | 14 | 15 | 11 | 15 | 13 | 12 | 11 | 11 | 12 | 7 | 10 | 10 | 10 | 10 | 15 |
| 4 | 11 | 12 | 12 | 13 | 14 | 12 | 15 | 12 | 12 | 15 | 16 | 13 | 12 | 11 | 14 | 14 | 9 | 9 | 8 | 6 | 9 | 7 | 7 | 8 | 11 | 16 |
| 5 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 11 | 12 | 11 | 13 | 13 | 11 | 11 | 12 | 12 | 12 | 13 | 11 | 10 | 10 | 10 | 10 | 13 |
| 6 | 11 | 11 | 10 | 8 | 9 | 9 | 10 | 10 | 10 | 11 | 14 | 18 | 16 | 15 | 14 | 13 | 11 | 9 | 7 | 6 | 5 | 4 | 5 | 5 | 10 | 18 |
| 7 | 7 | 7 | 8 | 9 | 10 | 10 | 11 | 12 | 13 | 11 | 11 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 13 |
| 8 | 9 | 9 | 10 | 10 | 8 | 9 | 9 | 10 | 11 | 10 | 10 | 10 | 9 | 8 | 10 | 11 | 13 | 13 | 11 | 15 | 18 | 16 | 16 | 14 | 11 | 18 |
| 9 | 18 | 18 | 17 | 18 | 18 | 15 | 16 | 16 | 16 | 12 | 12 | 15 | 14 | 15 | 15 | 16 | 17 | 13 | 10 | 9 | 14 | 13 | 11 | 11 | 15 | 18 |
| 10 | 10 | 10 | 9 | 9 | 8 | 7 | 5 | 7 | 12 | 14 | 12 | 10 | 10 | 10 | 9 | 9 | 9 | 9 | 11 | 9 | 8 | 8 | 7 | 7 | 9 | 14 |
| 11 | 7 | 5 | 6 | 6 | 7 | 6 | 10 | 11 | 11 | 12 | 11 | 11 | 11 | 11 | 10 | 10 | 10 | 11 | 7 | 6 | 9 | 10 | 10 | 12 | 9 | 12 |
| 12 | 14 | 15 | 16 | 17 | 16 | 13 | 12 | 12 | 13 | 13 | 10 | 11 | 11 | 10 | 11 | 13 | 13 | 14 | 13 | 14 | 8 | 8 | 9 | 10 | 12 | 17 |
| 13 | 10 | 6 | 8 | 4 | 7 | 8 | 10 | 8 | 11 | 12 | 13 | 14 | 15 | 14 | 14 | 12 | 11 | 14 | 8 | 10 | 12 | 13 | 7 | 7 | 10 | 15 |
| 14 | 13 | 6 | 8 | 9 | 10 | 11 | 12 | 8 | 10 | 10 | 10 | 10 | 10 | 10 | 8 | 7 | 10 | 8 | 7 | 8 | 5 | 6 | 6 | 6 | 9 | 13 |
| 15 | 9 | 8 | 8 | 9 | 9 | 10 | 10 | 10 | 11 | 13 | 13 | 13 | 12 | 12 | 11 | 11 | 11 | 12 | 10 | 10 | 8 | 9 | 10 | 11 | 10 | 13 |
| 16 | 9 | 13 | 6 | 9 | 11 | 8 | 7 | 10 | 10 | 13 | 16 | 17 | 18 | 16 | 14 | 15 | 18 | 16 | 15 | 10 | 13 | 12 | 12 | 14 | 13 | 18 |
| 17 | 9 | 10 | 11 | 12 | 11 | 12 | 6 | 14 | 12 | 10 | 11 | 12 | 12 | 13 | 12 | 12 | 10 | 10 | 7 | 5 | 9 | 9 | 12 | 11 | 11 | 14 |
| 18 | 12 | 10 | 9 | 8 | 7 | 6 | 5 | 6 | 7 | 7 | 11 | 7 | 8 | 9 | 8 | 7 | 8 | 6 | 8 | 8 | 8 | 8 | 8 | 7 | 8 | 12 |
| 19 | 9 | 10 | 14 | 9 | 6 | 5 | 10 | 11 | 14 | 15 | 16 | 18 | 18 | 11 | 8 | 9 | 9 | 9 | 11 | 14 | 12 | 11 | 7 | 6 | 11 | 18 |
| 20 | 6 | 6 | 6 | 7 | 7 | 7 | 9 | 8 | 7 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 7 | 9 | 11 | 11 | 10 | 8 | 9 | 10 | 8 | 11 |
| 21 | 12 | 12 | 11 | 10 | 10 | 9 | 8 | 9 | 8 | 14 | 12 | 16 | 16 | 10 | 12 | 13 | 13 | 15 | 10 | 12 | 11 | 9 | 11 | 11 | 11 | 16 |
| 22 | 10 | 11 | 11 | 10 | 10 | 6 | 11 | 13 | 16 | 14 | 15 | 15 | 15 | 14 | 14 | 14 | 13 | 12 | 12 | 10 | 8 | 5 | 5 | 7 | 11 | 16 |
| 23 | 9 | 10 | 10 | 10 | 7 | 5 | 8 | 10 | 13 | 14 | 14 | 16 | 18 | 20 | 18 | 14 | 12 | 10 | 8 | 8 | 7 | 8 | 8 | 8 | 11 | 20 |
| 24 | 9 | 10 | 9 | 2 | 8 | 10 | 10 | 12 | 12 | 12 | 12 | 12 | 11 | 11 | 11 | 11 | 11 | 11 | 10 | 10 | 15 | 13 | 12 | 14 | 11 | 15 |
| 25 | 14 | 15 | 13 | 15 | 16 | 17 | 15 | 15 | 14 | 11 | 9 | 9 | 12 | 14 | 13 | 9 | 6 | 5 | 9 | 9 | 6 | 7 | 8 | 9 | 11 | 17 |
| 26 | 8 | 4 | 7 | 5 | 6 | 8 | 9 | 9 | 8 | 12 | 12 | 19 | 18 | 20 | 11 | 10 | 12 | 12 | 9 | 5 | 10 | 16 | 17 | 14 | 11 | 20 |
| 27 | 13 | 15 | 11 | 11 | 12 | 11 | 14 | 9 | 13 | 9 | 12 | 14 | 12 | 15 | 15 | 17 | 17 | 14 | 11 | 6 | 4 | 6 | 7 | 10 | 12 | 17 |
| 28 | 14 | 12 | 10 | 7 | 6 | 6 | 5 | 6 | 10 | 9 | 10 | 11 | 12 | 14 | 12 | 16 | 14 | 12 | 12 | 9 | 3 | 6 | 5 | 4 | 9 | 16 |
| 29 | 7 | 8 | 9 | 10 | 10 | 11 | 12 | 14 | 14 | 13 | 12 | 14 | 14 | 12 | 14 | 10 | 12 | 12 | 12 | 6 | 2 | 10 | 11 | 10 | 11 | 14 |
| 30 | 10 | 9 | 9 | 7 | 6 | 6 | 6 | 8 | 13 | 9 | 10 | 11 | 12 | 13 | 14 | 14 | 14 | 15 | 8 | 6 | 5 | 6 | 6 | 7 | 9 | 15 |
| 31 | 7 | 8 | 7 | 6 | 5 | 7 | 9 | 7 | 7 | 8 | 8 | 9 | 11 | 12 | 11 | 10 | 10 | 8 | 6 | 8 | 12 | 7 | 5 | 8 | 8 | 12 |
| AV | 10 | 10 | 10 | 9 | 9 | 9 | 10 | 10 | 11 | 12 | 12 | 13 | 13 | 12 | 12 | 12 | 11 | 11 | 10 | 9 | 9 | 9 | 9 | 9 | 10 | [ ] |
| SD | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 4 | 3 | 3 | 3 | 1 | [ ] |

OUTPT (VERSION N 28 JUL 76)

SIGMA-W
(METERS/SECOND)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

MAY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | .28 | .38 | .26 | .12 | .14 | .14 | .14 | .24 | .28 | .32 | .40 | .44 | .42 | .44 | .44 | .40 | .40 | .36 | .24 | .14 | .40 | .46 | .52 | .50 | .32 | .52 |
| 2 | .20 | .32 | .28 | .10 | .10 | .20 | .24 | .26 | .32 | .32 | .36 | .40 | .38 | .40 | .36 | .28 | .26 | .24 | .12 | .08 | .10 | .26 | .28 | .34 | .26 | .40 |
| 3 | .44 | .38 | .14 | .10 | .14 | .22 | .20 | .20 | .24 | .30 | .32 | .38 | .40 | .52 | .56 | .50 | .50 | .52 | .40 | .42 | .54 | .60 | .38 | .56 | .38 | .60 |
| 4 | .60 | .60 | .66 | .64 | .64 | .70 | .70 | .68 | .70 | .66 | .62 | .64 | .64 | .64 | .58 | .56 | .52 | .44 | .44 | .42 | .38 | .62 | .48 | .50 | .58 | .70 |
| 5 | .28 | .20 | .12 | .14 | .12 | .10 | .14 | .22 | .28 | .34 | .40 | .44 | .52 | .50 | .48 | .44 | .36 | .32 | .46 | .20 | .14 | .22 | .30 | .40 | .30 | .52 |
| 6 | .36 | .32 | .22 | .22 | .36 | .28 | .30 | .28 | .20 | .24 | .28 | .28 | .42 | .24 | .28 | .32 | .36 | .16 | .18 | .34 | .32 | .42 | .28 | .12 | .28 | .42 |
| 7 | .08 | .08 | .08 | .08 | .16 | .12 | .14 | .22 | .24 | .26 | .28 | .26 | .34 | .38 | .34 | .30 | .26 | .20 | .28 | .24 | .30 | .22 | .12 | .20 | .22 | .38 |
| 8 | .30 | .58 | .44 | .48 | .28 | .10 | .30 | .20 | .20 | .34 | .46 | .44 | .34 | .34 | .36 | .54 | .58 | .42 | .24 | .24 | .40 | .40 | .48 | .28 | .36 | .58 |
| 9 | .22 | .42 | .36 | .28 | .38 | .36 | .22 | .16 | .24 | .32 | .34 | .36 | .38 | .36 | .36 | .40 | .42 | .42 | .58 | .70 | .72 | .74 | .64 | .62 | .42 | .74 |
| 10 | .56 | .34 | .30 | .14 | .12 | .12 | .10 | .14 | .22 | .30 | .32 | .38 | .40 | .50 | .46 | .42 | .30 | .26 | .18 | .08 | .16 | .22 | .48 | .56 | .30 | .56 |
| 11 | .30 | .16 | .60 | .58 | .48 | .30 | .20 | .14 | .16 | .40 | .48 | .58 | .62 | .44 | .62 | .58 | .68 | .66 | .64 | .62 | .66 | .60 | .52 | .32 | .48 | .68 |
| 12 | .30 | .20 | .14 | .20 | .16 | .18 | .20 | .22 | .28 | .38 | .58 | .64 | .54 | .50 | .50 | .44 | .36 | .40 | .38 | .24 | .20 | .14 | .12 | .18 | .32 | .64 |
| 13 | .14 | .14 | .12 | .16 | .20 | .20 | .22 | .24 | .28 | .36 | .38 | .40 | .40 | .44 | .42 | .36 | .32 | .26 | .20 | .20 | .32 | .52 | .24 | .28 | .28 | .52 |
| 14 | .24 | .30 | .24 | .18 | .22 | .28 | .28 | .24 | .26 | .32 | .34 | .38 | .40 | .44 | .46 | .50 | .54 | .50 | .46 | .42 | .58 | .64 | .72 | .68 | .40 | .72 |
| 15 | .68 | .32 | .32 | .32 | .20 | .32 | .62 | .42 | .38 | .38 | .44 | .40 | .40 | (MT) | .28 | .54 | .54 | .56 | .52 | .54 | .50 | .52 | .44 | .36 | .44 | .68 |
| 16 | .42 | .32 | .26 | .22 | .28 | .26 | .34 | .32 | .36 | .44 | .44 | .44 | .42 | .46 | .44 | .38 | .42 | .30 | .14 | .08 | .08 | .10 | .08 | .10 | .30 | .46 |
| 17 | .14 | .20 | .14 | .12 | .10 | .16 | .22 | .18 | .30 | .36 | .38 | .38 | .40 | .44 | .44 | .42 | .34 | .26 | .22 | .12 | .38 | .50 | .46 | .34 | .30 | .50 |
| 18 | .36 | .22 | .14 | .10 | .24 | .16 | .22 | .22 | .24 | .28 | .38 | .40 | .44 | .60 | .60 | .54 | .48 | .50 | .48 | .38 | .32 | .24 | .30 | .46 | .34 | .60 |
| 19 | .48 | .54 | .48 | .54 | .36 | .14 | .18 | .28 | .32 | .34 | .38 | .36 | .28 | .44 | .28 | .42 | .46 | .36 | .42 | .48 | .66 | .60 | .52 | .46 | .40 | .66 |
| 20 | .22 | .14 | .10 | .14 | .18 | .46 | .48 | .44 | .24 | .32 | .40 | .42 | .46 | .62 | .62 | .54 | .44 | .38 | .26 | .36 | .28 | .34 | .46 | .54 | .36 | .62 |
| 21 | .24 | .24 | .16 | .16 | .24 | .14 | .10 | .20 | .28 | .26 | .46 | .58 | .54 | .44 | .32 | .26 | .18 | .14 | .18 | .18 | .26 | .20 | .20 | .24 | .26 | .58 |
| 22 | .30 | .34 | .44 | .20 | .12 | .08 | .10 | .18 | .24 | .32 | .30 | .32 | .34 | .36 | .52 | .42 | .62 | .68 | .66 | .34 | .18 | .16 | .26 | .44 | .34 | .68 |
| 23 | .48 | .40 | .20 | .22 | .18 | .20 | .22 | .26 | .26 | .28 | .30 | .36 | .36 | .34 | .38 | .40 | .34 | .24 | .18 | .24 | .34 | .44 | .42 | .24 | .30 | .48 |
| 24 | .18 | .32 | .18 | .38 | .30 | .38 | .20 | .20 | .28 | .36 | .38 | .34 | .26 | .36 | .54 | .54 | .52 | .32 | .24 | .26 | .54 | .28 | .34 | .60 | .34 | .60 |
| 25 | .38 | .26 | .14 | .10 | .14 | .28 | .18 | .18 | .28 | .34 | .34 | .38 | .48 | .56 | .60 | .52 | .30 | .28 | .34 | .46 | .54 | .46 | .30 | .24 | .34 | .60 |
| 26 | .14 | .14 | .20 | .26 | .22 | .18 | .18 | .18 | .26 | .34 | .38 | .40 | .44 | .46 | .46 | .42 | .40 | .30 | .24 | .10 | .12 | .20 | .36 | .46 | .28 | .46 |
| 27 | .42 | .16 | .14 | .12 | .10 | .12 | .14 | .24 | .30 | .34 | .42 | .40 | .46 | .44 | .48 | .42 | .46 | .36 | .34 | .30 | .42 | .28 | .36 | .42 | .32 | .48 |
| 28 | .38 | .42 | .28 | .16 | .08 | .10 | .12 | .16 | .26 | .34 | .34 | .36 | .36 | .48 | .62 | .58 | .64 | .58 | .56 | .60 | .54 | .60 | .60 | .56 | .40 | .64 |
| 29 | .36 | .20 | .20 | .18 | .14 | .18 | .24 | .26 | .30 | .36 | .34 | .40 | .42 | .44 | .48 | .54 | .52 | .48 | .46 | .32 | .30 | .36 | .18 | .12 | .32 | .54 |
| 30 | .12 | .14 | .16 | .14 | .12 | .12 | .22 | .42 | .32 | .22 | .30 | .40 | .40 | .40 | .34 | .26 | .36 | .40 | .46 | .68 | .66 | .64 | .60 | .44 | .34 | .68 |
| 31 | .64 | .44 | .18 | .16 | .28 | .16 | .18 | .24 | .30 | .32 | .34 | .38 | .44 | .48 | .46 | .46 | .50 | .38 | .28 | .20 | .26 | .30 | .38 | .40 | .34 | .64 |
| AV | .34 | .30 | .24 | .22 | .22 | .22 | .24 | .26 | .28 | .34 | .38 | .42 | .42 | .44 | .46 | .44 | .42 | .38 | .34 | .32 | .38 | .40 | .38 | .38 | .34 | [ ] |
| SD | .15 | .13 | .14 | .15 | .12 | .13 | .14 | .11 | .09 | .07 | .08 | .09 | .08 | .09 | .10 | .09 | .12 | .13 | .15 | .18 | .18 | .18 | .16 | .15 | .07 | [ ] |

OUTPT (VERSION N 28 JUL 76)

SIGMA W
(METERS/SECOND)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

JUNE,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | .38 | .14 | .28 | .28 | .16 | .14 | .18 | .20 | .28 | .32 | .36 | .40 | .40 | .50 | .56 | .56 | .54 | .50 | .42 | .22 | .42 | .60 | .58 | .52 | .38 | .60 |
| 2 | .58 | .54 | .22 | .14 | .20 | .20 | .14 | .20 | .32 | .34 | .34 | .44 | .48 | .58 | .62 | .62 | .56 | .54 | .58 | .46 | .46 | .54 | .56 | .60 | .42 | .62 |
| 3 | .48 | .46 | .54 | .34 | .16 | .14 | .14 | .22 | .30 | .64 | .68 | .70 | .70 | .68 | .64 | .68 | .68 | .64 | .60 | .42 | .38 | .54 | .62 | .62 | .50 | .70 |
| 4 | .58 | .50 | .18 | .30 | .32 | .16 | .16 | .24 | .30 | .38 | .60 | .68 | .64 | .64 | .60 | .60 | .62 | .58 | .54 | .46 | .34 | .56 | .62 | .44 | .46 | .68 |
| 5 | .24 | .18 | .28 | .28 | .22 | .20 | .14 | .24 | .34 | .34 | .42 | .54 | .60 | .60 | .58 | .62 | .60 | .52 | .50 | .42 | .46 | .42 | .28 | .50 | .40 | .62 |
| 6 | .28 | .34 | .64 | .64 | .64 | .38 | .16 | .18 | .30 | .62 | .68 | .66 | .64 | .62 | .62 | .58 | .54 | .54 | .72 | .66 | .68 | .66 | .70 | .66 | .54 | .72 |
| 7 | .70 | .60 | .18 | .12 | .12 | .10 | .20 | .34 | .46 | .52 | .50 | .60 | .52 | .46 | .52 | .54 | .58 | .50 | .58 | .44 | .46 | .54 | .52 | .54 | .44 | .70 |
| 8 | .56 | .58 | .28 | .16 | .10 | .14 | .26 | .52 | .68 | .60 | .66 | .68 | .66 | .68 | .62 | .48 | .60 | .60 | .52 | .42 | .34 | .48 | .34 | .22 | .46 | .68 |
| 9 | .20 | .36 | .38 | .26 | .22 | .34 | .26 | .30 | .32 | .34 | .50 | .68 | .68 | .66 | .64 | .68 | .68 | .66 | .66 | .52 | .36 | .50 | .34 | .40 | .46 | .68 |
| 10 | .54 | .52 | .66 | .70 | .66 | .64 | .54 | .62 | .68 | .70 | .72 | .72 | .72 | .74 | .76 | .74 | .78 | .74 | .74 | .68 | .50 | .32 | .30 | .14 | .62 | .78 |
| 11 | .10 | .24 | .14 | .24 | .34 | .36 | .28 | .46 | .64 | .68 | .70 | .68 | .66 | .58 | .62 | .64 | .62 | .56 | .52 | .54 | .30 | .50 | .46 | .54 | .48 | .70 |
| 12 | .36 | .40 | .34 | .32 | .22 | .26 | .48 | .46 | .48 | .50 | .52 | .52 | .52 | .54 | .56 | .52 | .52 | .50 | .52 | .46 | .46 | .46 | .50 | .28 | .44 | .56 |
| 13 | .24 | .36 | .54 | .30 | .24 | .18 | .34 | .34 | .32 | .26 | .32 | .44 | .42 | .38 | .30 | .42 | .54 | .60 | .48 | .38 | .48 | .48 | .32 | .24 | .38 | .63 |
| 14 | .34 | .42 | .28 | .26 | .46 | .54 | .52 | .52 | .48 | .46 | .46 | .48 | .46 | .50 | .48 | .44 | .40 | .36 | .28 | .42 | .34 | .18 | .10 | .12 | .36 | .54 |
| 15 | .10 | .14 | .20 | .16 | .22 | .24 | .18 | .24 | .36 | .40 | .40 | .46 | .46 | .46 | .44 | .46 | .40 | .36 | .24 | .48 | .64 | .64 | .70 | .72 | .38 | .72 |
| 16 | .72 | .70 | .56 | .18 | .28 | .24 | .48 | .62 | .46 | .42 | .30 | .32 | .34 | .44 | .50 | .48 | .54 | .52 | .42 | .46 | .58 | .44 | .50 | .72 | .46 | .72 |
| 17 | .62 | .58 | .42 | .30 | .18 | .20 | .34 | .26 | .26 | .34 | .34 | .42 | .48 | .54 | .40 | .32 | .24 | .36 | .50 | .28 | .16 | .16 | .30 | .44 | .36 | .62 |
| 18 | .50 | .38 | .20 | .20 | .12 | .14 | .20 | .22 | .30 | .32 | .44 | .48 | .50 | .50 | .48 | .46 | .38 | .36 | .28 | .42 | .40 | .30 | .32 | .22 | .34 | .50 |
| 19 | .36 | .26 | .18 | .12 | .10 | .08 | .12 | .28 | .34 | .36 | .38 | .38 | .42 | .44 | .44 | .44 | .42 | .32 | .20 | .12 | .28 | .52 | .52 | .34 | .30 | .52 |
| 20 | .18 | .10 | .10 | .10 | .08 | .08 | .12 | .20 | .32 | .34 | .38 | .58 | .56 | .68 | .64 | .66 | .64 | .62 | .64 | .62 | .58 | .64 | .58 | .52 | .42 | .68 |
| 21 | .60 | .68 | .54 | .46 | .30 | .60 | .66 | .44 | .28 | .36 | .56 | .62 | .60 | .66 | .58 | .60 | .60 | .60 | .58 | .58 | .58 | .62 | .66 | .54 | .56 | .68 |
| 22 | .60 | .64 | .68 | .68 | .76 | .58 | .54 | .64 | .60 | .66 | .54 | .32 | .26 | .50 | .52 | .50 | .50 | .52 | .22 | .24 | .48 | .40 | .26 | .24 | .50 | .76 |
| 23 | .12 | .30 | .28 | .24 | .22 | .24 | .24 | .38 | .40 | .34 | .40 | .48 | .48 | .48 | .52 | .58 | .62 | .66 | .70 | .68 | .60 | .34 | .14 | .12 | .40 | .70 |
| 24 | .14 | .08 | .08 | .16 | .26 | .16 | .18 | .28 | .30 | .36 | .44 | .46 | .48 | .48 | .48 | .46 | .42 | .46 | .50 | .50 | .48 | .46 | .36 | .40 | .34 | .50 |
| 25 | .30 | .28 | .26 | .14 | .14 | .16 | .16 | .22 | .24 | .36 | .56 | .60 | .64 | .66 | .60 | .56 | .56 | .50 | .50 | .46 | .48 | .42 | .64 | .58 | .42 | .66 |
| 26 | .52 | .38 | .22 | .22 | .32 | .20 | .26 | .30 | .36 | .40 | .44 | .42 | .44 | .44 | .44 | .42 | .40 | .34 | .28 | .22 | .14 | .16 | .14 | .14 | .32 | .52 |
| 27 | .18 | .24 | .28 | .20 | .20 | .24 | .14 | .20 | .26 | .30 | .34 | .38 | .40 | .44 | .46 | .40 | .42 | .40 | .30 | .28 | .22 | .16 | .12 | .12 | .28 | .46 |
| 28 | .20 | .56 | .26 | .12 | .10 | .16 | .16 | .18 | .24 | .32 | .38 | .40 | .40 | .40 | .40 | .40 | .36 | .30 | .22 | .14 | .10 | .20 | .52 | .40 | .28 | .56 |
| 29 | .20 | .14 | .10 | .16 | .10 | .12 | .14 | .14 | .30 | .34 | .34 | .38 | .42 | .36 | .58 | .48 | .34 | .34 | .50 | .64 | .66 | .70 | .66 | .64 | .36 | .70 |
| 30 | .62 | .52 | .56 | .58 | .30 | .38 | .36 | .56 | .56 | .56 | .60 | .62 | .62 | .64 | .64 | .64 | .66 | .40 | .26 | .24 | .34 | .58 | .56 | .54 | .52 | .66 |
| 31 | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] |
| AV | .38 | .38 | .32 | .28 | .26 | .26 | .26 | .34 | .38 | .42 | .48 | .52 | .52 | .54 | .54 | .54 | .52 | .50 | .46 | .42 | .42 | .46 | .44 | .42 | .42 | [ ] |
| SD | .19 | .18 | .18 | .17 | .17 | .15 | .15 | .15 | .13 | .13 | .12 | .12 | .12 | .10 | .10 | .10 | .12 | .12 | .16 | .15 | .15 | .16 | .18 | .19 | .08 | [ ] |

OUTPT [VERSION N 28 JUL 76]

SIGMA-W
(METERS/SECOND)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

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AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
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CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | DEAX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | .54 | .62 | .36 | .34 | .54 | .48 | .46 | .46 | .56 | .52 | .48 | .34 | .26 | .28 | .36 | .46 | .50 | .48 | .44 | .38 | .44 | .46 | .42 | .14 | .44 | .62 |
| 2 | .10 | .24 | .60 | .38 | .26 | .34 | .30 | .32 | .24 | .28 | .36 | .36 | .42 | .42 | .54 | .58 | .54 | .52 | .40 | .26 | .20 | .32 | .28 | .18 | .36 | .60 |
| 3 | .36 | .30 | .16 | .26 | .20 | .16 | .14 | .18 | .32 | .38 | .40 | .40 | .42 | .40 | .46 | .42 | .38 | .34 | .24 | .20 | .18 | .22 | .32 | .38 | .30 | .46 |
| 4 | .22 | .22 | .28 | .18 | .18 | .22 | .20 | .22 | .32 | .32 | .34 | .36 | .44 | .48 | .44 | .46 | .52 | .48 | .42 | .20 | .28 | .32 | .38 | .24 | .32 | .52 |
| 5 | .28 | .24 | .20 | .22 | .18 | .10 | .14 | .22 | .26 | .30 | .34 | .36 | .40 | .46 | .48 | .44 | .38 | .34 | .26 | .18 | .12 | .26 | .50 | .50 | .30 | .50 |
| 6 | .24 | .16 | .20 | .36 | .32 | .14 | .12 | .18 | .30 | .34 | .36 | .40 | .44 | .40 | .38 | .44 | .34 | .30 | .30 | .32 | .22 | .16 | .14 | .22 | .28 | .44 |
| 7 | .34 | .22 | .30 | .28 | .12 | .12 | .16 | .16 | .10 | .28 | .40 | .42 | .44 | .52 | .56 | .42 | .48 | .62 | .66 | .60 | .58 | .58 | .66 | .68 | .40 | .68 |
| 8 | .64 | .62 | .56 | .18 | .10 | .10 | .10 | .18 | .24 | .32 | .38 | .38 | .46 | .44 | .48 | .36 | .42 | .34 | .28 | .58 | .58 | .56 | .68 | .68 | .40 | .68 |
| 9 | .64 | .62 | .56 | .20 | .12 | .10 | .10 | .20 | .24 | .36 | .32 | .42 | .38 | .38 | .64 | .46 | .46 | .34 | .28 | .22 | .42 | .62 | .58 | .36 | .38 | .64 |
| 10 | .64 | .68 | .64 | .28 | .12 | .12 | .12 | .22 | .30 | .34 | .36 | .40 | .40 | .40 | .52 | .62 | .56 | .36 | .26 | .14 | .54 | .50 | .56 | .48 | .38 | .62 |
| 11 | .22 | .12 | .10 | .14 | .22 | .20 | .20 | .20 | .28 | .28 | .38 | .40 | .42 | .40 | .34 | .40 | .34 | .34 | .50 | .24 | .18 | .30 | .28 | .40 | .28 | .50 |
| 12 | .40 | .50 | .64 | .70 | .54 | .42 | .34 | .44 | .44 | .44 | .36 | .46 | .54 | .48 | .48 | .50 | .48 | .50 | .38 | .34 | .22 | .14 | .22 | .34 | .42 | .70 |
| 13 | .22 | .20 | .22 | .18 | .14 | .18 | .16 | .18 | .28 | .36 | .40 | .42 | .44 | .50 | .44 | .44 | .42 | .34 | .22 | .14 | .10 | .10 | .22 | .12 | .26 | .50 |
| 14 | .14 | .18 | .10 | .14 | .12 | .14 | .20 | .22 | .24 | .32 | .82 | .40 | .44 | .46 | .50 | .46 | .44 | .40 | .34 | .22 | .14 | .24 | .36 | .20 | .30 | .82 |
| 15 | .22 | .22 | .14 | .18 | .16 | .16 | .16 | .18 | .26 | .36 | .38 | .42 | .42 | .44 | .46 | .38 | .36 | .32 | .22 | .12 | .14 | .12 | .32 | .32 | .26 | .46 |
| 16 | .38 | .34 | .14 | .12 | .12 | .12 | .04 | .14 | .20 | .32 | .38 | .40 | .42 | .46 | .44 | .42 | .42 | .36 | .26 | .20 | .12 | .34 | .60 | .58 | .30 | .60 |
| 17 | .28 | .20 | .22 | .20 | .26 | .14 | .18 | .36 | .44 | .42 | .40 | .44 | .38 | .30 | .46 | .44 | .42 | .38 | .54 | .38 | .22 | .34 | .28 | .14 | .32 | .54 |
| 18 | .20 | .18 | .52 | .22 | .10 | .10 | .14 | .10 | .28 | .28 | .28 | .28 | .30 | .38 | .46 | .44 | .40 | .40 | .28 | .32 | .62 | .62 | .52 | .22 | .32 | .62 |
| 19 | .14 | .16 | .16 | .10 | .04 | .10 | .10 | .16 | .26 | .30 | .38 | .38 | .42 | .40 | .48 | .64 | .52 | .36 | .46 | .66 | .66 | .52 | .36 | .32 | .34 | .88 |
| 20 | .44 | .64 | .32 | .20 | .14 | .26 | .32 | .28 | .26 | .32 | .34 | .36 | .40 | .40 | .38 | .44 | .54 | .22 | .18 | .28 | .36 | .24 | .24 | .48 | .34 | .64 |
| 21 | .22 | .20 | .14 | .18 | .14 | .16 | .18 | .22 | .22 | .34 | .32 | .36 | .38 | .40 | .40 | .44 | .42 | .34 | .26 | .20 | .20 | .18 | .14 | .22 | .26 | .44 |
| 22 | .26 | .16 | .12 | .12 | .14 | .20 | .18 | .22 | .32 | .32 | .38 | .40 | .40 | .44 | .44 | .42 | .38 | .32 | .30 | .26 | .14 | .12 | .10 | .30 | .26 | .44 |
| 23 | .26 | .22 | .16 | .20 | .18 | .18 | .22 | .18 | .26 | .34 | .34 | .38 | .42 | .44 | .42 | .42 | .42 | .36 | .32 | .22 | .22 | .46 | .66 | .62 | .32 | .66 |
| 24 | .28 | .28 | .12 | .12 | .22 | .22 | .18 | .36 | .40 | .38 | .40 | .46 | .44 | .44 | .44 | .38 | .58 | .52 | .40 | .38 | .52 | .60 | .48 | .62 | .38 | .62 |
| 25 | .60 | .60 | .48 | .58 | .64 | .62 | .48 | .58 | .48 | .32 | .32 | .36 | .56 | .56 | .56 | .46 | .40 | .46 | .36 | .22 | .20 | .28 | .16 | .26 | .44 | .64 |
| 26 | .14 | .16 | .14 | .12 | .28 | .40 | .22 | .14 | .14 | .22 | .32 | .34 | .40 | .46 | .50 | .56 | .50 | .38 | .24 | .18 | .48 | .50 | .56 | .62 | .34 | .62 |
| 27 | .60 | .48 | .42 | .36 | .46 | .28 | .12 | .26 | .32 | .36 | .38 | .44 | .48 | .42 | .40 | .44 | .38 | .42 | .40 | .20 | .10 | .10 | .14 | .18 | .34 | .60 |
| 28 | .12 | .18 | .12 | .22 | .18 | .22 | .18 | .18 | .26 | .30 | .38 | .42 | .46 | .48 | .56 | .54 | .42 | .30 | .26 | .22 | .14 | .10 | .18 | .16 | .28 | .56 |
| 29 | .10 | .14 | .10 | .16 | .16 | .20 | .24 | .22 | .26 | .32 | .38 | .46 | .40 | .42 | .38 | .48 | .48 | .36 | .28 | .14 | .14 | .16 | .22 | .26 | .28 | .48 |
| 30 | .18 | .28 | .14 | .12 | .10 | .14 | .14 | .22 | .34 | .30 | .34 | .44 | .42 | .38 | .40 | .44 | .42 | .36 | .46 | .38 | .32 | .40 | .40 | .28 | .30 | .46 |
| 31 | .26 | .42 | .32 | .18 | .12 | .24 | .28 | .30 | .40 | .46 | .46 | .42 | .42 | .44 | .44 | .36 | .44 | .46 | .56 | .66 | .40 | .20 | .12 | .12 | .36 | .66 |
| AV | .32 | .32 | .28 | .24 | .22 | .22 | .20 | .24 | .30 | .34 | .38 | .40 | .42 | .42 | .46 | .46 | .44 | .38 | .34 | .30 | .30 | .32 | .36 | .34 | .34 | [ ] |
| SD | .17 | .18 | .18 | .13 | .14 | .12 | .10 | .10 | .09 | .06 | .09 | .04 | .05 | .06 | .07 | .07 | .06 | .08 | .11 | .15 | .17 | .17 | .18 | .17 | .05 | [ ] |

OUTPT [VERSION N 28 JUL 76]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MAY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 17.5 | 20.5 | 12.0 | 15.0 | 14.0 | 15.0 | 10.0 | 4.0 | 9.5 | 7.5 | 7.0 | 12.5 | 11.0 | 13.5 | 14.0 | 10.0 | 11.0 | 14.0 | 8.0 | 9.0 | 11.0 | 6.5 | 7.0 | 15.0 | 11.5 | 20.5 |
| 2 | 15.5 | 16.5 | 20.0 | 22.0 | 16.0 | 9.5 | 8.0 | 5.5 | 5.0 | 6.0 | 6.5 | 9.0 | 12.5 | 11.0 | 11.5 | 6.5 | 6.0 | 6.5 | 2.5 | 7.0 | 14.5 | 21.0 | 21.5 | 17.0 | 11.5 | 22.0 |
| 3 | 16.5 | 10.0 | 9.0 | 15.5 | 17.0 | 10.5 | 9.0 | 5.0 | 5.5 | 5.0 | 5.5 | 6.5 | 12.5 | 16.0 | 22.5 | 20.5 | 16.0 | 21.0 | 18.0 | 16.5 | 17.5 | 21.0 | 11.5 | 14.5 | 13.5 | 22.5 |
| 4 | 11.0 | 21.0 | 21.0 | 20.0 | 15.0 | 19.0 | 24.0 | 26.0 | 25.0 | 29.5 | 27.0 | 24.5 | 24.0 | 22.0 | 20.5 | 22.0 | 20.5 | 24.0 | 20.0 | 13.5 | 10.5 | 10.0 | 9.0 | 13.5 | 19.5 | 29.5 |
| 5 | 14.0 | 8.5 | 9.5 | 10.0 | 10.5 | 11.0 | 8.5 | 7.5 | 7.0 | 8.0 | 7.0 | 14.5 | 17.5 | 19.5 | 17.0 | 16.0 | 16.0 | 16.0 | 20.0 | 11.5 | 8.5 | 16.0 | 12.0 | 18.5 | 12.5 | 20.0 |
| 6 | 19.0 | 20.5 | 8.5 | 8.5 | 11.5 | 9.0 | 4.0 | 7.0 | 8.0 | 10.5 | 15.5 | 14.5 | 14.5 | 7.5 | 6.0 | 14.5 | 11.5 | 4.5 | 6.5 | 17.0 | 8.5 | 8.0 | 6.5 | 5.5 | 10.5 | 20.5 |
| 7 | 3.5 | 6.5 | 6.0 | 6.0 | 6.5 | 5.0 | 5.0 | 5.0 | 8.0 | 13.5 | 13.0 | 12.0 | 17.5 | 17.0 | 13.0 | 13.5 | 7.5 | 7.0 | 14.5 | 10.5 | 5.5 | 8.0 | 8.5 | 12.0 | 9.5 | 17.5 |
| 8 | 9.5 | 6.0 | 12.5 | 11.5 | 8.5 | 3.5 | 12.0 | 8.0 | 9.5 | 11.0 | 14.0 | 11.5 | 9.5 | 8.5 | 10.0 | 19.0 | 10.5 | 9.0 | 12.0 | 8.0 | 9.5 | 10.0 | 16.0 | 4.5 | 10.0 | 19.0 |
| 9 | 10.0 | 7.5 | 7.0 | 7.0 | 5.5 | 6.0 | 3.5 | 5.0 | 4.5 | 8.5 | 8.0 | 8.0 | 6.5 | 9.5 | 9.5 | 15.0 | 17.0 | 20.5 | 22.0 | 24.0 | 25.0 | 23.5 | 23.5 | 17.0 | 12.0 | 25.0 |
| 10 | 11.5 | 9.0 | 11.0 | 17.0 | 15.5 | 12.5 | 9.0 | 4.5 | 8.5 | 6.5 | 6.5 | 6.0 | 8.5 | 17.0 | 18.0 | 13.0 | 13.0 | 9.5 | 8.5 | 5.5 | 14.5 | 16.0 | 17.5 | 10.5 | 11.0 | 18.0 |
| 11 | 13.0 | 17.0 | 10.0 | 8.0 | 6.5 | 11.5 | 7.0 | 4.0 | 6.0 | 7.0 | 17.0 | 26.0 | 22.0 | 14.5 | 24.0 | 31.0 | 41.0 | 39.0 | 34.5 | 38.0 | 36.5 | 24.0 | 17.5 | 12.5 | 19.5 | 41.0 |
| 12 | 5.0 | 9.0 | 15.0 | 14.0 | 18.0 | 19.0 | 10.5 | 5.0 | 7.0 | 14.0 | 24.5 | 24.0 | 21.5 | 19.5 | 21.0 | 17.0 | 19.0 | 20.0 | 19.0 | 12.0 | 9.5 | 16.0 | 16.5 | 13.5 | 15.5 | 24.5 |
| 13 | 16.5 | 19.0 | 20.0 | 22.5 | 18.0 | 15.5 | 18.0 | 10.0 | 5.0 | 6.5 | 8.0 | 10.0 | 11.0 | 9.5 | 12.0 | 8.5 | 6.5 | 7.0 | 5.5 | 8.5 | 15.0 | 9.5 | 17.5 | 17.5 | 12.5 | 22.5 |
| 14 | 14.5 | 19.5 | 18.5 | 12.5 | 12.5 | 12.0 | 10.0 | 9.5 | 7.5 | 6.0 | 7.5 | 9.5 | 10.5 | 15.5 | 13.5 | 17.0 | 22.0 | 23.0 | 17.0 | 19.5 | 19.5 | 18.5 | 19.5 | 17.5 | 14.5 | 23.0 |
| 15 | 20.5 | 16.0 | 15.0 | 18.5 | 17.0 | 23.5 | 25.0 | 24.0 | 24.0 | 23.5 | 23.0 | 21.0 | 22.0 | 25.0 | 28.0 | 25.0 | 27.5 | 27.5 | 25.0 | 29.5 | 30.5 | 27.0 | 23.0 | 20.0 | 23.5 | 30.5 |
| 16 | 12.0 | 17.5 | 15.5 | 10.5 | 8.0 | 16.0 | 12.5 | 16.5 | 14.5 | 14.0 | 15.0 | 12.0 | 11.0 | 8.0 | 9.5 | 12.0 | 9.0 | 6.5 | 4.5 | 6.0 | 10.5 | 15.0 | 18.5 | 18.5 | 12.0 | 18.5 |
| 17 | 22.0 | 18.5 | 12.0 | 11.0 | 10.5 | 8.5 | 9.0 | 6.0 | 6.0 | 6.5 | 8.0 | 7.5 | 8.5 | 13.5 | 10.5 | 12.0 | 9.0 | 8.5 | 5.5 | 7.5 | 13.0 | 19.0 | 19.5 | 8.0 | 11.0 | 22.0 |
| 18 | 9.0 | 7.0 | 9.0 | 14.5 | 11.0 | 12.0 | 7.0 | 4.5 | 7.5 | 8.5 | 12.5 | 9.0 | 13.5 | 23.5 | 21.5 | 21.5 | 20.0 | 17.5 | 13.5 | 17.5 | 17.5 | 6.0 | 10.0 | 13.5 | 13.0 | 23.5 |
| 19 | 15.0 | 8.5 | 14.0 | 21.5 | 10.5 | 9.5 | 6.0 | 4.5 | 10.0 | 11.5 | 15.5 | 14.0 | 12.5 | 19.5 | 18.0 | 19.0 | 27.0 | 17.5 | 11.5 | 14.0 | 21.5 | 17.5 | 8.5 | 10.0 | 14.0 | 22.0 |
| 20 | 7.5 | 8.5 | 9.0 | 13.0 | 15.5 | 14.0 | 8.0 | 9.5 | 13.5 | 6.5 | 10.0 | 14.0 | 22.5 | 24.5 | 24.5 | 19.5 | 16.5 | 16.0 | 13.5 | 9.5 | 10.0 | 13.5 | 16.5 | 13.5 | 13.5 | 24.5 |
| 21 | 15.5 | 7.0 | 8.5 | 11.5 | 7.5 | 6.5 | 4.5 | 5.0 | 7.5 | 6.5 | 20.0 | 20.0 | 25.0 | 20.5 | 11.0 | 5.0 | 7.0 | 8.5 | 8.5 | 5.5 | 4.5 | 13.0 | 5.5 | 11.0 | 10.0 | 25.0 |
| 22 | 4.5 | 5.0 | 5.5 | 4.5 | 8.5 | 10.0 | 9.5 | 5.5 | 4.0 | 5.5 | 9.5 | 12.0 | 15.5 | 14.0 | 21.0 | 21.5 | 23.0 | 23.0 | 15.0 | 6.5 | 3.5 | 4.0 | 11.0 | 18.0 | 11.0 | 23.0 |
| 23 | 11.0 | 10.5 | 10.0 | 13.0 | 10.5 | 6.0 | 6.5 | 5.0 | 5.0 | 6.5 | 7.0 | 9.5 | 11.5 | 12.0 | 11.0 | 10.0 | 12.0 | 8.5 | 16.0 | 15.0 | 7.5 | 6.5 | 11.0 | 13.0 | 10.0 | 16.0 |
| 24 | 11.0 | 14.5 | 10.0 | 13.0 | 20.5 | 8.5 | 4.5 | 8.5 | 6.5 | 8.0 | 9.5 | 11.5 | 9.5 | 10.5 | 20.0 | 20.5 | 17.5 | 19.0 | 7.5 | 10.5 | 6.0 | 8.0 | 15.0 | 15.0 | 12.0 | 20.5 |
| 25 | 9.5 | 6.5 | 12.5 | 12.0 | 18.5 | 16.5 | 9.5 | 6.5 | 5.0 | 8.0 | 6.5 | 14.5 | 23.5 | 23.0 | 24.0 | 24.5 | 13.0 | 9.0 | 11.0 | 16.0 | 17.5 | 12.5 | 10.0 | 13.0 | 13.5 | 24.5 |
| 26 | 12.0 | 15.5 | 14.5 | 17.5 | 17.5 | 17.0 | 11.0 | 6.0 | 8.5 | 8.5 | 10.5 | 10.0 | 14.0 | 13.5 | 11.5 | 11.0 | 9.5 | 7.5 | 7.5 | 9.5 | 9.0 | 20.0 | 15.5 | 19.5 | 12.5 | 20.0 |
| 27 | 18.0 | 12.5 | 17.0 | 17.0 | 15.0 | 15.5 | 9.5 | 5.0 | 6.5 | 10.0 | 9.5 | 9.5 | 16.5 | 17.0 | 16.5 | 17.0 | 20.0 | 15.0 | 11.5 | 4.0 | 10.5 | 17.5 | 16.5 | 9.0 | 13.0 | 20.0 |
| 28 | 12.0 | 9.5 | 10.5 | 7.5 | 10.0 | 10.5 | 4.0 | 4.0 | 8.0 | 7.5 | 14.0 | 16.5 | 11.5 | 13.0 | 21.5 | 22.5 | 23.5 | 23.5 | 21.5 | 19.5 | 18.0 | 20.0 | 14.5 | 8.5 | 14.0 | 23.5 |
| 29 | 13.0 | 12.5 | 16.5 | 12.5 | 13.5 | 15.0 | 12.0 | 6.5 | 5.5 | 7.0 | 12.5 | 11.5 | 12.5 | 15.0 | 14.5 | 23.5 | 23.0 | 22.0 | 24.0 | 17.0 | 18.5 | 21.0 | 10.0 | 5.0 | 14.5 | 24.0 |
| 30 | 7.0 | 15.0 | 16.0 | 10.0 | 14.0 | 15.0 | 15.5 | 15.5 | 8.0 | 7.0 | 13.0 | 14.0 | 16.5 | 12.0 | 11.5 | 7.0 | 23.0 | 20.5 | 21.5 | 21.0 | 23.0 | 17.5 | 10.0 | 11.5 | 14.5 | 23.0 |
| 31 | 16.5 | 11.0 | 10.5 | 14.5 | 11.0 | 8.0 | 6.5 | 5.5 | 8.5 | 10.5 | 8.0 | 11.0 | 14.0 | 17.0 | 16.0 | 14.5 | 21.0 | 22.5 | 13.5 | 7.5 | 11.5 | 14.5 | 14.0 | 14.0 | 12.5 | 22.5 |
| AV | 12.5 | 12.5 | 12.5 | 13.5 | 12.5 | 12.0 | 9.5 | 8.0 | 8.5 | 9.5 | 12.0 | 13.0 | 15.0 | 15.5 | 16.0 | 16.5 | 16.5 | 16.0 | 14.0 | 13.5 | 14.0 | 15.0 | 14.0 | 13.0 | 13.0 | [ ] |
| SD | 4.5 | 5.0 | 4.1 | 4.6 | 4.0 | 4.6 | 5.1 | 5.4 | 4.8 | 5.1 | 5.5 | 5.1 | 5.1 | 4.9 | 5.5 | 6.1 | 7.4 | 7.9 | 7.1 | 7.0 | 7.4 | 5.0 | 4.8 | 4.2 | 3.0 | [ ] |

OUTPT (VERSION N 28 JUL 76)

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JUNE,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 9.0 | 11.0 | 17.5 | 11.5 | 9.5 | 8.5 | 8.5 | 7.5 | 6.5 | 9.5 | 11.0 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | 10.0 | 17.5 |
| 2 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | 24.0 | 18.0 | 22.0 | 24.5 | 22.0 | 21.5 | 22.0 | 18.5 | 17.0 | 19.0 | 16.5 | 5.0 | 19.0 | 24.5 |
| 3 | 13.5 | 9.5 | 7.5 | 8.0 | 9.0 | 9.0 | 5.0 | 5.5 | 8.0 | 20.0 | 26.5 | 31.0 | 32.0 | 27.5 | 24.5 | 29.0 | 25.0 | 24.5 | 23.5 | 20.0 | 18.0 | 22.5 | 10.0 | 5.5 | 17.5 | 32.0 |
| 4 | 13.0 | 11.0 | 6.5 | 13.5 | 11.5 | 8.0 | 5.5 | 6.0 | 7.0 | 9.0 | 18.5 | 25.0 | 23.5 | 24.5 | 23.0 | 24.5 | 23.0 | 22.5 | 19.5 | 16.5 | 18.5 | 20.0 | 18.0 | 8.0 | 15.5 | 25.0 |
| 5 | 12.0 | 18.0 | 20.5 | 12.0 | 14.5 | 13.0 | 5.5 | 4.0 | 7.0 | 12.5 | 12.5 | 17.0 | 21.0 | 20.0 | 22.0 | 22.5 | 22.5 | 19.5 | 21.0 | 17.0 | 17.0 | 11.0 | 18.0 | 15.0 | 15.5 | 22.5 |
| 6 | 21.5 | 16.5 | 15.5 | 11.5 | 12.5 | 11.0 | 4.5 | 5.5 | 5.5 | 17.5 | 25.5 | 25.0 | 24.5 | 24.0 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | 16.0 | 25.5 |
| 7 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | 20.0 | 21.5 | 23.5 | 23.5 | 23.5 | 18.0 | 17.0 | 18.0 | 15.5 | 15.0 | 19.5 | 23.5 |
| 8 | 11.5 | 6.0 | 9.0 | 9.0 | 9.0 | 8.5 | 7.0 | 5.0 | 20.5 | 23.5 | 24.0 | 25.0 | 25.5 | 27.0 | 23.0 | 10.5 | 22.5 | 23.0 | 21.5 | 22.0 | 15.0 | 21.0 | 6.5 | 8.5 | 16.0 | 27.0 |
| 9 | 13.5 | 16.0 | 13.0 | 15.0 | 11.5 | 10.0 | 9.5 | 8.5 | 9.0 | 11.5 | 15.5 | 26.0 | 26.0 | 24.5 | 24.5 | 24.0 | 24.0 | 25.5 | 24.5 | 22.0 | 17.0 | 18.5 | 18.5 | 14.5 | 17.5 | 26.0 |
| 10 | 15.5 | 14.0 | 15.5 | 14.5 | 6.0 | 12.0 | 18.5 | 20.5 | 25.0 | 25.0 | 24.5 | 29.5 | 29.5 | 35.0 | 38.0 | 39.5 | 37.5 | 37.5 | 32.0 | 24.5 | 23.5 | 21.5 | 21.0 | 10.0 | 24.0 | 39.5 |
| 11 | 7.5 | 16.5 | 15.0 | 18.0 | 19.0 | 14.0 | 13.0 | 20.5 | 23.0 | 25.0 | 25.5 | 24.5 | 23.5 | 23.5 | 22.0 | 25.0 | 24.0 | 28.0 | 25.0 | 25.0 | 17.0 | 16.0 | 21.0 | 19.0 | 20.5 | 28.0 |
| 12 | 13.0 | 12.5 | 12.0 | 11.0 | 13.0 | 18.0 | 18.0 | 8.0 | 12.0 | 20.0 | 20.5 | 21.5 | 20.0 | 23.0 | 24.5 | 22.5 | 20.5 | 19.0 | 22.5 | 15.0 | 17.0 | 11.5 | 8.0 | 5.0 | 16.0 | 24.5 |
| 13 | 13.0 | 19.0 | 15.5 | 8.0 | 8.0 | 15.0 | 16.0 | 10.5 | 11.0 | 11.5 | 17.0 | 21.0 | 20.0 | 19.5 | 18.0 | 23.0 | 24.5 | 30.5 | 20.5 | 20.5 | 19.5 | 20.5 | 18.0 | 22.5 | 17.5 | 30.5 |
| 14 | 18.0 | 17.0 | 15.5 | 17.5 | 22.5 | 20.0 | 17.5 | 16.0 | 17.0 | 19.0 | 18.0 | 17.5 | 14.0 | 15.5 | 13.0 | 11.5 | 10.0 | 12.5 | 20.0 | 22.5 | 17.0 | 8.5 | 5.0 | 11.0 | 15.5 | 22.5 |
| 15 | 17.0 | 17.5 | 17.5 | 17.0 | 15.5 | 11.0 | 12.0 | 6.0 | 7.5 | 7.5 | 9.0 | 10.5 | 11.5 | 11.0 | 10.0 | 13.5 | 13.0 | 10.5 | 5.0 | 18.0 | 22.0 | 20.5 | 9.0 | 7.0 | 12.5 | 22.0 |
| 16 | 8.0 | 7.5 | 8.5 | 6.5 | 8.5 | 7.5 | 6.5 | 5.0 | 8.0 | 15.5 | 16.5 | 10.5 | 13.5 | 24.0 | 21.5 | 23.5 | 24.0 | 25.5 | 16.0 | 24.0 | 26.0 | 18.5 | 25.0 | 24.0 | 15.5 | 26.0 |
| 17 | 22.5 | 9.5 | 7.0 | 9.0 | 10.0 | 10.0 | 6.0 | 9.5 | 8.0 | 5.0 | [CA] | 6.5 | 15.0 | 18.5 | 14.0 | 16.5 | 19.0 | 15.5 | 18.0 | 17.0 | 12.0 | 9.5 | 15.0 | 9.5 | 12.5 | 22.5 |
| 18 | 11.0 | 10.0 | 14.5 | 13.0 | 14.5 | 14.5 | 6.0 | 5.5 | 9.0 | 9.0 | 17.0 | 18.5 | 20.0 | 18.0 | 19.0 | 14.0 | 9.0 | 17.0 | 21.5 | 24.0 | 24.5 | 24.0 | 13.5 | 5.0 | 14.5 | 24.5 |
| 19 | 7.0 | 13.0 | 15.5 | 16.5 | 13.0 | 10.0 | 4.5 | 6.5 | 7.0 | 8.0 | 9.5 | 9.5 | 12.0 | 14.0 | 12.5 | 12.5 | 10.0 | 10.0 | 5.0 | 12.5 | 7.5 | 11.5 | 8.0 | 8.5 | 10.0 | 16.5 |
| 20 | 7.5 | 9.5 | 10.0 | 12.0 | 9.5 | 10.5 | 5.5 | 5.0 | 6.5 | 8.5 | 9.5 | 16.0 | 20.5 | 28.5 | 27.5 | 28.0 | 24.5 | 23.5 | 24.5 | 24.0 | 23.5 | 24.5 | 21.5 | 17.0 | 16.5 | 28.5 |
| 21 | 17.0 | 10.5 | 11.5 | 13.5 | 13.0 | 13.0 | 6.0 | 6.5 | 9.0 | 13.0 | 17.5 | 24.5 | 24.0 | 24.5 | 24.5 | 25.0 | 23.5 | 23.5 | 23.5 | 22.0 | 20.0 | 20.0 | 22.5 | 23.0 | 18.0 | 25.0 |
| 22 | 19.5 | 21.0 | 24.5 | 28.0 | 38.0 | 22.0 | 21.5 | 21.5 | 24.5 | 23.0 | 20.0 | 9.5 | 14.0 | 19.5 | 19.5 | 23.5 | 24.0 | 24.0 | 10.5 | 15.5 | 12.5 | 11.0 | 16.5 | 9.5 | 19.5 | 38.0 |
| 23 | 8.5 | 14.5 | 5.5 | 6.0 | 8.0 | 13.5 | 13.5 | 14.0 | 19.5 | 19.0 | 20.0 | 16.5 | 21.5 | 22.0 | 20.5 | 24.5 | 30.0 | 37.0 | 42.5 | 39.0 | 23.5 | 11.5 | 6.5 | 7.0 | 18.5 | 42.5 |
| 24 | 12.5 | 14.0 | 17.5 | 18.0 | 14.0 | 17.5 | 16.0 | 8.0 | 10.0 | 12.5 | 19.0 | 16.5 | 15.5 | 19.5 | 19.0 | 14.5 | 12.0 | 23.0 | 25.0 | 25.5 | 23.5 | 20.0 | 17.0 | 12.0 | 17.0 | 25.5 |
| 25 | 20.0 | 14.0 | 17.0 | 9.5 | 17.0 | 14.0 | 10.0 | 6.0 | 7.5 | 8.0 | 17.5 | 24.5 | 26.5 | 24.5 | 27.5 | 24.0 | 22.0 | 20.0 | 24.5 | 22.0 | 23.0 | 19.0 | 14.5 | 5.5 | 17.5 | 27.5 |
| 26 | 7.5 | 5.5 | 14.0 | 11.0 | 4.5 | 8.5 | 8.0 | 8.5 | 13.5 | 10.5 | 18.0 | 16.5 | 14.5 | 12.5 | 15.5 | 13.5 | 18.5 | 15.0 | 14.5 | 12.0 | 10.5 | 11.0 | 15.0 | 20.0 | 12.5 | 20.0 |
| 27 | 19.5 | 15.0 | 11.0 | 17.0 | 16.0 | 12.0 | 8.0 | 5.0 | 5.5 | 6.5 | 8.0 | 8.5 | 16.5 | 24.5 | 18.5 | 15.5 | 20.5 | 20.0 | 17.0 | 20.5 | 17.0 | 11.5 | 15.0 | 20.0 | 14.5 | 24.5 |
| 28 | 23.5 | 17.0 | 8.5 | 13.0 | 14.5 | 11.0 | 6.5 | 5.0 | 9.5 | 6.5 | 10.0 | 12.0 | 14.0 | 10.5 | 12.0 | 11.5 | 12.5 | 10.5 | 14.0 | 11.0 | 6.5 | 14.0 | 16.0 | 11.5 | 11.5 | 23.5 |
| 29 | 12.5 | 12.0 | 12.5 | 13.0 | 15.0 | 15.5 | 12.0 | 6.0 | 6.5 | 8.0 | 9.0 | 5.0 | 7.5 | 8.0 | 17.0 | 13.0 | 7.0 | 6.0 | 14.5 | 15.0 | 16.0 | 17.5 | 12.5 | 13.0 | 11.5 | 17.5 |
| 30 | 10.0 | 9.0 | 9.0 | 4.5 | 3.5 | 4.0 | 3.5 | 4.0 | 9.5 | 14.0 | 14.5 | 15.5 | 16.5 | 17.5 | 15.5 | 16.5 | 20.5 | 8.0 | 8.5 | 11.5 | 10.0 | 5.5 | 3.5 | 5.5 | 10.0 | 20.5 |
| 31 | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] |
| AV | 13.5 | 13.0 | 13.0 | 13.0 | 13.0 | 12.0 | 10.0 | 8.5 | 11.0 | 13.5 | 17.0 | 18.0 | 19.5 | 20.5 | 20.5 | 20.5 | 20.5 | 20.5 | 20.0 | 20.0 | 17.5 | 16.5 | 14.5 | 12.0 | 15.5 | [ ] |
| SD | 4.9 | 3.9 | 4.5 | 4.7 | 6.4 | 3.9 | 5.0 | 5.0 | 5.9 | 6.0 | 5.5 | 7.1 | 5.9 | 6.0 | 5.7 | 6.7 | 6.7 | 7.7 | 7.6 | 5.6 | 5.1 | 5.1 | 5.5 | 5.9 | 3.3 | [ ] |

OUTPT [VERSION N 28 JUL 76]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JULY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.0 | 10.5 | 8.5 | 4.0 | 3.5 | 6.0 | 5.0 | 6.5 | 7.5 | 10.5 | 8.5 | 9.0 | 7.5 | 9.5 | 13.5 | 9.5 | 9.5 | 11.5 | 11.5 | 9.0 | 9.5 | 10.0 | 7.5 | 3.5 | 8.0 | 13.5 |
| 2 | 5.5 | 4.5 | 23.5 | 22.0 | 7.5 | 6.5 | 8.0 | 3.5 | 4.5 | 5.0 | 6.0 | 6.5 | 8.5 | 8.5 | 13.0 | 10.5 | 17.5 | 15.0 | 10.0 | 6.5 | 5.5 | 11.0 | 5.5 | 4.5 | 9.5 | 23.5 |
| 3 | 9.5 | 6.5 | 8.0 | 9.5 | 8.0 | 5.0 | 4.5 | 3.5 | 4.0 | 3.5 | 5.5 | 6.0 | 6.0 | 8.0 | 8.5 | 8.5 | 7.5 | 5.0 | 5.5 | 5.5 | 4.0 | 8.0 | 10.0 | 13.5 | 7.0 | 13.5 |
| 4 | 12.0 | 11.0 | 10.5 | 10.5 | 5.5 | 8.0 | 5.5 | 3.5 | 4.0 | 4.0 | 6.0 | 5.5 | 7.0 | 14.0 | 9.5 | 12.0 | 15.5 | 12.0 | 11.0 | 5.5 | 7.0 | 10.5 | 9.5 | 8.0 | 8.5 | 15.5 |
| 5 | 9.0 | 7.5 | 9.5 | 9.0 | 6.5 | 7.0 | 3.5 | 3.0 | 4.5 | 5.5 | 8.5 | 9.5 | 6.5 | 8.0 | 9.0 | 9.5 | 8.0 | 8.0 | 5.5 | 6.0 | 6.5 | 11.0 | 12.0 | 11.5 | 7.5 | 12.0 |
| 6 | 5.0 | 7.0 | 10.0 | 8.5 | 6.0 | 8.0 | 5.5 | 2.5 | 4.0 | 6.0 | 4.0 | 4.0 | 7.0 | 6.0 | 7.5 | 8.0 | 5.5 | 12.0 | 14.0 | 9.0 | 8.0 | 8.0 | 6.0 | 9.0 | 7.0 | 14.0 |
| 7 | 6.5 | 5.0 | 8.5 | 4.5 | 4.5 | 4.0 | 3.5 | 3.0 | 4.0 | 5.0 | 10.5 | 12.0 | 13.0 | 16.0 | 22.5 | 16.0 | 10.5 | 17.0 | 19.5 | 11.5 | 13.5 | 10.0 | 20.0 | 20.0 | 11.0 | 22.5 |
| 8 | 15.0 | 5.5 | 3.5 | 3.5 | 5.0 | 6.0 | 3.5 | 3.0 | 3.5 | 6.0 | 6.5 | 9.5 | 9.0 | 9.5 | 8.0 | 8.0 | 10.5 | 8.0 | 4.5 | 11.0 | 11.0 | 12.5 | 11.0 | 7.0 | 7.5 | 15.0 |
| 9 | 4.0 | 6.0 | 9.5 | 9.0 | 5.5 | 3.5 | 3.0 | 4.0 | 5.0 | 6.5 | 7.0 | 7.5 | 8.0 | 10.5 | 14.5 | 9.0 | 6.5 | 6.0 | 5.5 | 5.0 | 9.5 | 10.0 | 10.0 | 15.0 | 7.5 | 15.0 |
| 10 | 13.5 | 14.5 | 6.0 | 5.0 | 4.5 | 8.0 | 6.5 | 4.5 | 3.5 | 5.5 | 6.5 | 6.5 | 7.0 | 8.5 | 10.0 | 18.5 | 14.0 | 9.0 | 8.0 | 5.0 | 17.5 | 15.5 | 8.0 | 6.5 | 9.0 | 18.5 |
| 11 | 3.0 | 4.0 | 7.0 | 8.5 | 12.5 | 11.5 | 3.5 | 3.5 | 3.5 | 4.0 | 6.0 | 6.0 | 7.5 | 7.0 | 7.0 | 12.5 | 10.5 | 8.5 | 20.0 | 8.0 | 6.0 | 9.0 | 6.5 | 8.5 | 7.5 | 20.0 |
| 12 | 9.0 | 10.5 | 8.0 | 7.0 | 5.0 | 6.0 | 3.0 | 7.5 | 7.5 | 7.5 | 4.5 | 6.0 | 14.5 | 15.0 | 10.0 | 10.0 | 11.5 | 13.0 | 10.5 | 5.0 | 7.0 | 5.0 | 6.0 | 5.0 | 8.0 | 15.0 |
| 13 | 5.5 | 7.0 | 4.5 | 5.0 | 5.0 | 6.5 | 5.0 | 4.0 | 4.0 | 4.5 | 5.5 | 6.0 | 7.0 | 11.5 | 10.5 | 12.0 | 7.5 | 7.0 | 5.0 | 4.5 | 4.5 | 7.5 | 5.0 | 5.0 | 6.0 | 12.0 |
| 14 | 8.5 | 8.5 | 9.5 | 10.0 | 9.5 | 9.5 | 6.0 | 3.5 | 4.0 | 5.0 | 8.5 | 9.5 | 7.0 | 10.0 | 19.0 | 16.5 | 10.5 | 11.5 | 9.5 | 5.5 | 4.0 | 6.0 | 7.5 | 7.0 | 8.5 | 19.0 |
| 15 | 10.5 | 8.5 | 9.0 | 9.0 | 9.0 | 6.5 | 5.5 | 4.0 | 3.5 | 5.5 | 5.5 | 7.0 | 8.0 | 7.5 | 7.5 | 5.5 | 6.5 | 5.5 | 5.0 | 3.0 | 4.0 | 6.5 | 9.0 | 11.0 | 7.0 | 11.0 |
| 16 | 12.0 | 8.5 | 5.5 | 7.0 | 7.5 | 7.0 | 6.0 | 4.0 | 3.5 | 3.5 | 5.5 | 7.0 | 6.5 | 8.5 | 10.5 | 8.5 | 9.0 | 8.5 | 6.5 | 8.5 | 3.5 | 10.5 | 7.5 | 9.5 | 7.5 | 12.0 |
| 17 | 7.0 | 7.5 | 3.0 | 6.0 | 4.5 | 5.5 | 5.5 | 3.5 | 8.0 | 9.5 | 9.5 | 8.5 | 6.5 | 7.0 | 7.5 | 9.0 | 14.5 | 14.0 | 21.0 | 12.5 | 9.0 | 10.5 | 7.5 | 5.0 | 8.5 | 21.0 |
| 18 | 4.5 | 7.5 | 10.0 | 6.0 | 4.0 | 2.5 | 4.5 | 5.0 | 3.5 | 4.0 | 6.0 | 9.5 | 6.0 | 11.5 | 16.0 | 16.0 | 14.0 | 12.5 | 6.5 | 9.5 | 14.0 | 4.5 | 3.0 | 4.5 | 7.5 | 16.0 |
| 19 | 5.0 | 5.5 | 5.5 | 4.0 | 2.5 | 4.0 | 2.5 | 3.0 | 3.0 | 4.0 | 5.5 | 5.5 | 6.0 | 7.5 | 13.0 | 17.5 | 11.0 | 8.0 | 14.5 | 17.5 | 18.0 | 13.5 | 8.5 | 13.5 | 8.5 | 18.0 |
| 20 | 13.0 | 8.0 | 5.0 | 4.5 | 4.5 | 8.0 | 6.0 | 4.5 | 4.0 | 3.5 | 4.0 | 4.0 | 5.5 | 6.0 | 6.0 | 18.5 | 20.5 | 7.0 | 7.0 | 7.5 | 9.5 | 6.0 | 7.0 | 9.5 | 7.5 | 20.5 |
| 21 | 7.0 | 10.0 | 9.5 | 9.5 | 5.5 | 6.5 | 5.0 | 4.0 | 3.0 | 4.5 | 5.0 | 6.0 | 8.0 | 6.5 | 7.0 | 9.5 | 15.0 | 9.0 | 8.0 | 6.5 | 6.5 | 4.5 | 5.5 | 8.5 | 7.0 | 15.0 |
| 22 | 8.5 | 7.5 | 8.0 | 8.0 | 9.0 | 8.5 | 5.0 | 4.5 | 3.5 | 4.0 | 5.5 | 4.5 | 7.0 | 7.5 | 7.5 | 7.0 | 12.0 | 7.0 | 9.0 | 8.0 | 3.0 | 5.0 | 8.0 | 9.0 | 7.0 | 12.0 |
| 23 | 6.0 | 7.5 | 9.0 | 8.5 | 5.5 | 5.0 | 4.5 | 3.5 | 3.5 | 5.0 | (PF) | (PF) | 7.5 | 7.0 | 9.5 | 9.0 | 9.0 | 8.0 | 7.5 | 9.0 | 8.0 | 11.0 | 11.5 | 8.5 | 7.5 | 11.5 |
| 24 | 6.5 | 4.5 | 6.0 | 4.5 | 5.5 | 4.5 | 5.5 | 4.0 | 5.5 | 5.0 | 5.5 | 6.5 | 8.0 | 8.0 | 9.5 | 6.5 | 12.5 | 13.5 | 10.0 | 9.0 | 9.5 | 9.0 | 9.0 | 12.0 | 7.5 | 13.5 |
| 25 | 5.0 | 5.0 | 5.5 | 3.5 | 2.5 | 4.5 | 3.5 | 8.0 | 9.5 | 6.0 | 6.5 | 7.0 | 10.5 | 18.5 | 18.0 | 14.0 | 15.0 | 10.0 | 8.5 | 5.5 | 6.0 | 5.0 | 4.0 | 5.0 | 8.0 | 18.5 |
| 26 | 4.5 | 3.0 | 5.0 | 8.0 | 6.0 | 5.0 | 3.5 | 2.0 | 2.5 | 3.0 | 4.0 | 5.0 | 7.0 | 7.0 | 11.5 | 17.0 | 10.0 | 6.0 | 6.0 | 6.5 | 9.5 | 10.5 | 6.5 | 8.5 | 6.5 | 17.0 |
| 27 | 13.5 | 9.5 | 6.0 | 4.0 | 4.0 | 3.5 | 5.5 | 3.0 | 5.0 | 5.0 | 4.5 | 6.0 | 11.0 | 11.0 | 8.0 | 9.5 | 12.0 | 13.0 | 12.0 | 7.0 | 2.5 | 7.5 | 12.0 | 7.5 | 7.5 | 13.5 |
| 28 | 11.0 | 10.5 | 9.5 | 10.5 | 7.5 | 8.5 | 4.5 | 4.0 | 3.0 | 4.5 | 5.0 | 7.0 | 10.0 | 14.0 | 19.5 | 14.0 | 9.5 | 7.0 | 5.5 | 6.0 | 4.0 | 8.0 | 9.5 | 7.0 | 8.5 | 19.5 |
| 29 | 9.0 | 5.5 | 8.5 | 9.0 | 6.5 | 6.0 | 7.0 | 5.5 | 3.5 | 4.0 | 7.0 | 6.0 | 7.5 | 15.5 | 7.5 | 15.5 | 13.5 | 9.5 | 8.5 | 5.5 | 3.5 | 5.5 | 7.5 | 11.0 | 8.0 | 15.5 |
| 30 | 7.5 | 7.0 | 3.5 | 5.5 | 3.0 | 4.5 | 4.5 | 6.0 | 6.0 | 5.0 | 7.5 | 7.0 | 7.5 | 6.5 | 8.0 | 9.5 | 10.0 | 10.5 | 18.0 | 12.5 | 6.5 | 15.0 | 20.0 | 15.0 | 8.5 | 20.0 |
| 31 | 5.0 | 6.5 | 9.5 | 9.5 | 6.0 | 3.5 | 3.0 | 2.5 | 4.5 | 8.5 | 9.5 | 9.5 | 8.5 | 9.0 | 7.0 | 7.0 | 7.0 | 15.5 | 11.0 | 15.5 | 17.0 | 7.0 | 5.5 | 4.5 | 8.0 | 17.0 |
| AV | 8.0 | 7.5 | 8.0 | 7.5 | 6.0 | 6.0 | 5.0 | 4.0 | 4.5 | 5.5 | 6.5 | 7.0 | 8.0 | 9.5 | 11.0 | 12.0 | 11.0 | 10.0 | 10.0 | 8.0 | 8.0 | 9.0 | 8.5 | 9.0 | 8.0 | ( ) |
| SD | 3.3 | 2.4 | 3.6 | 3.5 | 2.2 | 2.0 | 1.3 | 1.4 | 1.6 | 1.7 | 1.7 | 1.9 | 2.0 | 3.3 | 4.2 | 4.1 | 3.4 | 3.1 | 4.6 | 3.2 | 4.2 | 3.0 | 3.7 | 3.7 | .9 | ( ) |

OUTPT (VERSION N 28 JUL 76)

WIND SPEED @ 20M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MAY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 24/SEP/76 *
**********

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | ( ) | ( ) |
| 2 | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | ( ) | ( ) |
| 3 | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | ( ) | ( ) |
| 4 | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | ( ) | ( ) |
| 5 | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | ( ) | ( ) |
| 6 | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | ( ) | ( ) |
| 7 | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | ( ) | ( ) |
| 8 | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | ( ) | ( ) |
| 9 | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | (IM) | 5.0 | 9.5 | 11.0 | 13.5 | 16.0 | 17.5 | 19.5 | 17.0 | 17.0 | 10.5 | 13.5 | 19.5 |
| 10 | 7.5 | 7.0 | 7.0 | 10.0 | 9.0 | 8.0 | 5.5 | 2.5 | 5.0 | 3.5 | 3.5 | 4.5 | 5.0 | 12.5 | 12.0 | 8.0 | 8.0 | 6.0 | 5.0 | 4.0 | 9.0 | 10.0 | 11.5 | 7.0 | 7.0 | 12.5 |
| 11 | 8.0 | 10.5 | 6.0 | 6.0 | 5.0 | 7.5 | 4.5 | 1.5 | 3.0 | 4.0 | 10.5 | 20.0 | 19.0 | 9.0 | 20.5 | 23.5 | 31.0 | 28.5 | 24.5 | 24.0 | 26.5 | 18.5 | 12.5 | 8.5 | 14.0 | 31.0 |
| 12 | 1.5 | 5.5 | 9.0 | 8.0 | 9.5 | 11.0 | 5.0 | 3.0 | 4.0 | 9.0 | 19.0 | (MI) | 15.5 | 13.0 | 15.0 | 11.0 | 12.5 | 13.0 | 13.0 | 8.0 | 6.0 | 10.5 | 10.0 | 8.5 | 9.5 | 19.0 |
| 13 | 10.5 | 11.5 | 13.0 | 13.5 | 12.5 | 11.5 | 11.5 | 5.5 | 3.0 | 3.5 | 3.5 | 6.0 | 4.5 | 5.0 | 7.0 | 4.5 | 3.0 | 3.5 | 2.0 | 5.0 | 10.0 | 5.5 | 10.5 | 10.0 | 7.5 | 13.5 |
| 14 | 8.5 | 12.5 | 12.5 | 7.5 | 6.0 | 8.0 | 6.0 | 4.5 | 3.0 | 2.0 | 3.0 | 5.0 | 6.0 | 9.0 | 8.0 | 11.0 | 15.0 | 15.5 | 11.0 | 12.5 | 15.0 | 12.0 | 12.0 | 11.5 | 9.0 | 15.5 |
| 15 | 13.5 | 10.0 | 9.5 | 12.0 | 10.5 | 17.0 | 20.5 | 19.0 | 17.0 | 17.0 | 15.0 | 13.5 | 15.5 | 20.5 | 22.0 | 20.0 | 22.0 | 22.0 | 21.0 | 23.0 | 23.5 | 22.5 | 17.5 | 13.5 | 17.5 | 23.5 |
| 16 | 4.5 | 10.5 | 8.5 | 6.0 | 3.5 | 8.5 | 6.5 | 9.0 | 8.0 | 8.0 | 6.5 | 7.0 | 6.0 | 4.0 | 5.0 | 6.5 | 4.5 | 3.5 | 2.0 | 3.5 | 6.0 | 9.0 | 11.0 | 11.5 | 7.0 | 11.5 |
| 17 | 13.0 | 12.0 | 10.0 | 9.5 | 6.0 | 7.0 | 5.5 | 2.5 | 3.0 | 3.0 | 4.5 | 4.0 | 5.0 | 8.0 | 6.0 | 7.0 | 5.0 | 5.0 | 2.5 | 4.5 | 8.5 | 11.5 | 12.0 | 5.0 | 6.5 | 13.0 |
| 18 | 5.0 | 4.0 | 6.5 | 8.5 | 6.5 | 8.0 | 4.0 | 1.5 | 3.5 | 5.0 | 7.0 | 5.5 | 7.5 | 17.5 | 15.5 | 16.0 | 13.0 | 12.5 | 8.5 | 11.5 | 12.0 | 4.0 | 5.5 | 8.0 | 8.0 | 17.5 |
| 19 | 9.0 | 6.0 | 8.5 | 15.0 | 7.0 | 5.5 | 3.5 | 2.0 | 5.5 | 6.5 | 9.5 | 9.0 | 7.5 | 15.0 | 9.5 | 13.5 | 17.0 | 11.0 | 7.5 | 9.0 | 16.5 | 12.0 | 5.5 | 6.0 | 9.0 | 17.0 |
| 20 | 4.0 | 5.0 | 5.5 | 8.0 | 9.5 | 8.5 | 4.5 | 5.5 | 7.5 | 3.0 | 6.0 | 8.5 | 15.0 | 18.0 | 17.5 | 13.0 | 10.0 | 9.5 | 8.5 | 6.0 | 6.0 | 8.5 | 10.0 | 8.0 | 8.5 | 18.0 |
| 21 | 9.5 | 4.0 | 6.0 | 7.0 | 5.0 | 3.5 | 2.5 | 2.0 | 4.0 | 3.5 | 13.5 | 13.0 | 19.0 | 14.0 | 6.0 | 2.0 | 4.0 | 4.5 | 5.0 | 3.0 | 2.5 | 8.0 | 5.0 | 6.5 | 6.5 | 19.0 |
| 22 | 3.0 | 3.0 | 4.5 | 2.5 | 5.0 | 5.5 | 5.5 | 2.5 | 2.0 | 3.0 | 5.0 | 7.0 | 11.5 | 9.0 | 13.5 | 13.5 | 17.0 | 17.0 | 9.5 | 4.0 | 2.5 | 2.5 | 7.5 | 11.0 | 7.0 | 17.0 |
| 23 | 7.0 | 6.5 | 7.0 | 8.0 | 7.0 | 4.0 | 4.0 | 3.0 | 2.5 | 3.5 | 3.5 | 5.5 | 7.0 | 7.0 | 6.0 | 5.5 | 7.5 | 5.0 | 9.5 | 9.0 | 4.5 | 4.5 | 6.5 | 8.0 | 6.0 | 9.5 |
| 24 | 6.5 | 8.5 | 6.0 | 7.5 | 11.5 | 4.5 | 2.5 | 4.5 | 3.5 | 5.0 | 6.0 | 6.5 | 5.5 | 6.5 | 13.0 | 13.5 | 11.5 | 12.0 | 4.5 | 6.0 | 4.0 | 6.0 | 9.5 | 9.5 | 7.5 | 13.5 |
| 25 | 5.5 | 3.0 | 8.0 | 7.5 | 10.0 | 9.5 | 5.0 | 3.5 | 3.0 | 4.5 | 5.0 | 8.0 | 17.0 | 15.0 | 16.5 | 19.5 | 7.5 | 5.5 | 6.5 | 10.0 | 11.0 | 8.5 | 6.5 | 8.0 | 8.5 | 19.5 |
| 26 | 8.0 | 10.0 | 9.0 | 10.5 | 11.0 | 10.0 | 6.5 | 3.5 | 5.0 | 5.0 | 6.0 | 5.5 | 8.0 | 8.0 | 7.0 | 6.0 | 5.0 | 4.0 | 4.0 | 6.0 | 5.5 | 11.5 | 10.5 | 12.0 | 7.5 | 12.0 |
| 27 | 11.0 | 7.5 | 10.0 | 10.0 | 9.5 | 9.5 | 6.0 | 2.5 | 4.0 | 5.5 | 5.5 | 5.5 | 9.5 | 10.5 | 9.5 | 9.5 | 12.5 | 9.0 | 7.0 | 2.5 | 7.5 | 10.5 | 10.5 | 6.0 | 8.0 | 12.5 |
| 28 | 8.0 | 5.5 | 6.0 | 4.5 | 6.0 | 7.0 | 2.5 | 2.5 | 4.0 | 4.0 | 8.5 | 11.5 | 7.0 | 9.0 | 16.0 | 16.0 | 18.5 | 17.0 | 15.5 | 13.5 | 11.5 | 12.5 | 8.0 | 4.5 | 9.0 | 18.5 |
| 29 | 8.5 | 7.5 | 10.0 | 7.5 | 8.0 | 9.5 | 6.5 | 3.5 | 3.0 | 4.0 | 7.0 | 6.5 | 7.0 | 9.0 | 8.5 | 20.0 | 16.5 | 14.5 | 17.0 | 10.5 | 12.0 | 13.5 | 5.5 | 3.5 | 9.0 | 20.0 |
| 30 | 3.5 | 9.0 | 9.0 | 5.5 | 8.0 | 9.0 | 8.5 | 8.5 | 4.5 | 4.0 | 7.5 | 8.0 | 9.5 | 8.0 | 6.5 | 4.0 | 16.5 | 13.5 | 14.0 | 13.5 | 15.0 | 11.5 | 6.0 | 7.0 | 9.0 | 16.5 |
| 31 | 10.0 | 7.0 | 6.5 | 8.5 | 7.0 | 5.0 | 4.0 | 3.5 | 5.0 | 6.0 | 4.5 | 6.5 | 8.0 | 10.5 | 9.5 | 8.5 | 14.0 | 14.5 | 2.0 | 4.0 | 7.5 | 9.5 | 11.0 | 10.0 | 8.0 | 14.5 |
| AV | 7.5 | 7.5 | 8.0 | 8.5 | 8.0 | 8.0 | 6.0 | 4.5 | 4.5 | 5.0 | 7.5 | 8.0 | 10.0 | 11.0 | 11.0 | 11.5 | 12.5 | 11.5 | 9.5 | 9.0 | 10.5 | 10.5 | 9.5 | 8.5 | 9.0 | ( ) |
| SD | 3.0 | 2.8 | 2.3 | 2.8 | 2.4 | 2.9 | 3.8 | 3.7 | 3.1 | 3.1 | 4.0 | 3.8 | 4.6 | 4.2 | 5.0 | 5.7 | 6.5 | 6.3 | 5.9 | 5.9 | 6.2 | 4.5 | 3.5 | 2.5 | 2.7 | ( ) |

OUTPT (VERSION N 28 JUL 76)

WIND SPEED @ 20M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JUNE,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 28/SEP/76 *
**********

**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 6.0 | 6.0 | 11.5 | 8.0 | 6.0 | 5.0 | 6.0 | 4.0 | 4.0 | 5.5 | 7.0 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | 6.5 | 11.5 |
| 2 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | 17.0 | 12.5 | 15.5 | 17.5 | 15.0 | 14.0 | 14.5 | 12.0 | 11.0 | 11.5 | 10.5 | 4.5 | 13.0 | 17.5 |
| 3 | 9.0 | 6.0 | 4.0 | 5.5 | 6.0 | 4.5 | 3.5 | 3.0 | 4.5 | 15.5 | 20.5 | 22.5 | 24.0 | 21.5 | 20.0 | 21.5 | 20.0 | 17.5 | 14.0 | 13.5 | 11.5 | 14.0 | 6.0 | 3.0 | 12.0 | 23.0 |
| 4 | 9.0 | 8.0 | 4.0 | 9.0 | 7.5 | 4.5 | 3.0 | 3.5 | 4.0 | 5.0 | 13.0 | 19.5 | 17.5 | 16.5 | 17.0 | 18.0 | 16.5 | 15.5 | 12.5 | 10.0 | 12.5 | 12.0 | 11.5 | 7.0 | 11.0 | 19.5 |
| 5 | 7.5 | 11.0 | 13.5 | 7.5 | 9.5 | 8.0 | 4.0 | 2.5 | 4.5 | 7.0 | 7.0 | 11.0 | 15.0 | 13.5 | 15.5 | 16.5 | 16.0 | 13.5 | 13.5 | 10.5 | 10.5 | 7.5 | 12.5 | 10.0 | 10.5 | 16.5 |
| 6 | 11.5 | 10.5 | 9.5 | 6.0 | 6.5 | 7.0 | 3.0 | 3.0 | 3.0 | 13.0 | 19.5 | 20.0 | 16.5 | 18.0 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | 10.5 | 20.0 |
| 7 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | 12.0 | 14.5 | 16.5 | 14.5 | 14.5 | [IM] | [IM] | [IM] | [IM] | [IM] | 14.5 | 16.5 |
| 8 | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | 9.0 | 10.5 | 15.5 | 16.5 | 15.5 | 16.0 | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | 14.0 | 16.5 |
| 9 | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [ ] | [ ] |
| 10 | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | 11.5 | 17.5 | 21.5 | 21.5 | 23.5 | 25.0 | 27.0 | 25.5 | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | 21.5 | 27.0 |
| 11 | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [ ] | [ ] |
| 12 | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | 7.0 | 12.5 | 13.5 | 14.5 | 13.5 | 17.0 | 18.0 | 15.5 | 13.5 | 12.0 | 16.0 | 9.5 | 11.0 | 7.0 | 5.0 | 3.0 | 12.0 | 18.0 |
| 13 | 8.0 | 11.5 | 9.0 | 5.0 | 5.5 | 9.0 | 9.5 | 6.0 | 6.5 | 7.0 | 10.5 | 14.0 | 13.5 | 12.5 | 11.5 | 17.0 | 18.5 | 23.0 | 14.5 | 12.5 | 11.5 | 12.0 | 10.0 | 15.5 | 11.5 | 23.0 |
| 14 | 11.0 | 10.0 | 8.5 | 9.0 | 12.0 | 11.0 | 9.0 | 8.5 | 9.5 | 12.0 | 11.0 | 10.5 | 8.0 | 9.0 | 7.5 | 6.5 | 5.5 | 7.5 | 14.0 | 16.0 | 11.0 | 6.0 | 3.0 | 7.0 | 9.5 | 16.0 |
| 15 | 9.5 | 10.0 | 9.5 | 9.0 | 8.5 | 8.5 | 7.0 | 3.5 | 4.5 | 4.0 | 5.0 | 5.5 | 6.5 | 6.5 | 6.0 | 8.0 | 7.5 | 6.0 | 3.0 | 12.5 | 13.5 | 13.0 | 5.5 | 4.5 | 7.5 | 13.5 |
| 16 | 5.0 | 5.0 | 5.0 | 4.0 | 5.5 | 5.5 | 4.0 | 3.5 | 5.5 | 9.5 | 10.0 | 6.5 | 8.5 | 17.0 | 14.5 | 19.0 | 20.5 | 20.0 | 10.5 | 16.5 | 20.5 | 11.0 | 20.0 | 14.5 | 11.0 | 20.5 |
| 17 | 12.5 | 6.0 | 4.5 | 3.5 | 6.0 | 6.5 | 3.0 | 4.0 | 3.0 | 1.0 | 4.0 | 6.5 | 8.5 | 12.5 | 9.0 | 4.5 | [IM] | 8.5 | 12.5 | 16.0 | 17.0 | 15.5 | 7.0 | 3.0 | 7.5 | 17.0 |
| 18 | 7.0 | 8.0 | 9.0 | 7.5 | 9.0 | 8.5 | 2.5 | 2.0 | 4.5 | 5.0 | 9.5 | 11.5 | 12.0 | 8.5 | 9.0 | 4.5 | [IM] | [IM] | [IM] | 5.5 | 2.5 | 5.0 | [IM] | 1.5 | 6.5 | 12.0 |
| 19 | 4.5 | 6.5 | 8.0 | 8.0 | 7.5 | 6.0 | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | 4.5 | 5.5 | 6.0 | 4.5 | [IM] | [IM] | [IM] | 5.5 | 2.5 | 5.0 | [IM] | 1.5 | 5.5 | 8.0 |
| 20 | [IM] | [IM] | 3.0 | 6.0 | 6.0 | 6.0 | [IM] | [IM] | [IM] | [IM] | 4.0 | 7.5 | 13.0 | 21.0 | 20.5 | 21.0 | 20.0 | 17.5 | 18.0 | 17.5 | 16.5 | 18.0 | 14.0 | 11.0 | 13.5 | 21.0 |
| 21 | 11.0 | 6.5 | 6.5 | 8.5 | 8.0 | 8.0 | 3.0 | 3.5 | 5.0 | 7.5 | 11.5 | 18.5 | 18.0 | 19.0 | 19.5 | 20.0 | 17.0 | 17.0 | 17.0 | 15.5 | 13.0 | 12.0 | 15.5 | 16.5 | 12.5 | 20.0 |
| 22 | 12.0 | 13.5 | 16.0 | 21.0 | 24.5 | 16.0 | 14.5 | 16.0 | 18.5 | 16.0 | 13.0 | 5.0 | 7.5 | 12.0 | 13.5 | 16.5 | 17.0 | 20.0 | 5.5 | 8.5 | 7.5 | 6.5 | 9.5 | 5.5 | 13.0 | 24.5 |
| 23 | 4.5 | 8.5 | 3.5 | 5.5 | 5.0 | 7.5 | 7.0 | 8.0 | 11.5 | 11.5 | 12.0 | 9.5 | 13.5 | 15.0 | 12.0 | 19.0 | 22.0 | 25.5 | 32.0 | 29.0 | 19.5 | 7.0 | 3.5 | 5.5 | 12.0 | 32.0 |
| 24 | 7.5 | 8.5 | 10.5 | 9.5 | 8.5 | 10.5 | 8.5 | 4.0 | 5.5 | 7.5 | 11.5 | 9.5 | 9.0 | 13.0 | 12.5 | 8.0 | 7.0 | 17.0 | 19.5 | 20.0 | 17.0 | 13.5 | 10.5 | 7.0 | 10.5 | 20.0 |
| 25 | 12.0 | 8.0 | 10.0 | 6.5 | 9.5 | 10.0 | 6.0 | 3.5 | 4.5 | 5.0 | 11.0 | 18.0 | 20.5 | 18.5 | 20.5 | 17.0 | 13.5 | 12.5 | 17.0 | 15.0 | 15.5 | 12.5 | 8.0 | 5.0 | 11.5 | 20.5 |
| 26 | 5.0 | 3.5 | 8.5 | 7.0 | 3.0 | 4.5 | 5.0 | 4.5 | 8.0 | 6.0 | 11.0 | 10.0 | 8.0 | 7.5 | 9.0 | 8.0 | 11.0 | 9.0 | 8.5 | 8.0 | 6.0 | 7.5 | 9.0 | 12.5 | 7.5 | 12.5 |
| 27 | 12.0 | 10.0 | 7.0 | 10.5 | 10.0 | 8.5 | 5.0 | 2.5 | 3.0 | 4.0 | 4.5 | 4.5 | 9.5 | 17.0 | 11.5 | 9.0 | 13.5 | 12.0 | 9.5 | 12.5 | 10.5 | 7.0 | 9.0 | 12.0 | 9.0 | 17.0 |
| 28 | 13.5 | 11.5 | 5.0 | 7.5 | 8.0 | 6.5 | 4.0 | 3.0 | 5.5 | 3.0 | 5.5 | 6.5 | 7.5 | 5.5 | 6.5 | 6.0 | 7.0 | 6.0 | 8.0 | 7.0 | 3.5 | 9.0 | 9.5 | 8.0 | 7.0 | 13.5 |
| 29 | 7.0 | 7.0 | 7.5 | 7.5 | 8.0 | 9.0 | 7.0 | 3.0 | 4.0 | 4.5 | 6.0 | 5.0 | 8.0 | 8.5 | 18.0 | 14.0 | 7.5 | 6.5 | 14.5 | 17.0 | 17.0 | 18.5 | 13.5 | 14.5 | 9.5 | 18.5 |
| 30 | 11.0 | 10.5 | 10.5 | 5.0 | 3.5 | 4.5 | 3.5 | 3.5 | 10.0 | 15.0 | 16.0 | 16.5 | 17.0 | 19.0 | 16.5 | 17.5 | 21.5 | 8.5 | 9.0 | 12.5 | 11.5 | 6.0 | 4.0 | 6.5 | 11.0 | 21.5 |
| 31 | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] |
| AV | 9.0 | 8.5 | 8.0 | 7.5 | 8.0 | 7.5 | 5.5 | 4.5 | 6.5 | 8.5 | 11.0 | 12.0 | 13.0 | 14.0 | 14.0 | 14.0 | 15.0 | 14.0 | 13.5 | 13.0 | 12.0 | 10.5 | 9.5 | 7.5 | 10.5 | [ ] |
| SD | 2.8 | 2.4 | 3.5 | 3.4 | 4.1 | 2.6 | 2.9 | 3.0 | 3.5 | 4.2 | 4.6 | 5.7 | 5.1 | 5.1 | 5.1 | 6.2 | 5.5 | 5.4 | 5.7 | 5.2 | 4.9 | 3.9 | 4.2 | 4.7 | 3.2 | [ ] |

WIND SPEED @ 20M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JULY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 24/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.0 | 12.0 | 9.0 | 4.5 | 4.0 | 7.0 | 7.0 | 6.5 | 7.5 | 11.0 | 9.0 | 9.5 | 7.5 | 8.5 | 13.0 | 10.0 | 10.0 | 13.0 | 11.5 | 10.5 | 11.0 | 11.0 | 7.5 | 3.5 | 8.5 | 13.0 |
| 2 | 3.0 | 7.5 | 23.5 | 23.0 | 5.5 | 7.0 | 9.0 | 3.0 | 4.5 | 5.5 | 6.0 | 7.0 | 8.5 | 9.0 | 14.0 | 20.0 | 19.0 | 16.0 | 11.0 | 7.5 | 8.0 | 13.0 | 7.0 | 4.5 | 10.0 | 23.5 |
| 3 | 10.5 | 7.5 | 8.5 | 10.0 | 9.0 | 5.0 | 4.0 | 3.5 | 4.0 | 3.5 | 5.5 | 6.0 | 6.0 | 8.5 | 8.5 | 9.0 | 7.5 | 5.0 | 6.0 | 6.5 | 4.0 | 9.5 | 11.0 | 14.5 | 7.0 | 14.5 |
| 4 | 14.0 | 12.5 | 11.5 | 12.5 | 7.5 | 9.5 | 7.0 | 3.5 | 4.0 | 4.0 | 6.0 | 6.0 | 7.0 | 15.0 | 10.5 | 13.0 | 16.5 | 13.0 | 12.0 | 6.0 | 8.0 | 11.5 | 10.5 | 9.5 | 9.5 | 16.5 |
| 5 | 10.5 | 9.5 | 11.5 | 12.0 | 9.5 | 6.5 | 3.5 | 2.5 | 4.5 | 6.0 | 9.0 | 10.0 | 6.0 | 8.5 | 9.5 | 10.0 | 8.5 | 8.5 | 6.0 | 7.0 | 7.0 | 12.0 | 13.0 | 13.0 | 8.5 | 13.0 |
| 6 | 5.5 | 9.0 | 11.5 | 9.0 | 7.5 | 9.5 | 6.5 | 2.0 | 4.0 | 6.0 | 4.0 | 4.0 | 7.0 | 6.5 | 8.0 | 8.0 | 5.5 | 13.0 | 16.0 | 10.5 | 9.0 | 9.0 | 7.0 | 10.5 | 8.0 | 16.0 |
| 7 | 7.0 | 6.0 | 9.5 | 4.5 | 5.0 | 5.5 | 4.0 | 2.5 | 4.0 | 5.0 | 11.0 | 13.0 | 13.5 | 17.0 | 23.0 | 16.5 | 11.0 | 17.5 | 21.0 | 12.5 | 15.0 | 11.0 | 21.0 | 20.5 | 11.5 | 23.0 |
| 8 | 16.5 | 6.0 | 3.5 | 4.0 | 7.0 | 7.0 | 4.5 | 2.5 | 3.5 | 6.0 | 6.5 | 10.0 | 9.5 | 10.0 | 8.5 | 4.0 | 11.5 | 9.0 | 4.5 | 12.0 | 12.0 | 14.0 | 12.5 | 7.5 | 8.0 | 16.5 |
| 9 | 4.5 | 7.0 | 10.5 | 10.5 | 7.5 | 5.0 | 3.0 | 3.5 | 5.0 | 7.0 | 7.5 | 7.5 | 8.5 | 11.0 | 15.0 | 10.0 | 6.5 | 6.0 | 5.5 | 5.5 | 10.5 | 11.0 | 10.5 | 16.0 | 8.0 | 16.0 |
| 10 | 14.5 | 16.0 | 6.5 | 5.5 | 5.0 | 8.5 | 7.5 | 4.5 | 3.5 | 5.5 | 7.0 | 6.5 | 7.0 | 9.0 | 10.5 | 20.0 | 15.5 | 9.5 | 8.5 | 5.5 | 19.0 | 17.0 | 9.5 | 7.5 | 9.5 | 20.0 |
| 11 | 3.0 | 4.5 | 7.5 | 9.5 | 13.5 | 13.5 | 4.0 | 3.0 | 3.0 | 4.0 | 6.5 | 6.5 | 7.5 | 7.0 | 7.5 | 13.5 | 11.5 | 9.5 | 21.5 | 9.0 | 6.5 | 10.0 | 8.0 | 9.5 | 8.5 | 21.5 |
| 12 | 9.5 | 12.0 | 9.0 | 8.5 | 5.0 | 7.0 | 4.0 | 8.0 | 8.0 | 8.0 | 5.0 | 6.5 | 15.0 | 16.5 | 10.0 | 10.0 | 12.5 | 14.0 | 11.5 | 6.0 | 8.0 | 5.5 | 6.5 | 5.0 | 9.0 | 16.5 |
| 13 | 5.5 | 8.0 | 4.5 | 5.0 | 5.5 | 7.5 | 4.5 | 3.0 | 3.0 | 3.5 | 4.5 | 5.5 | 7.0 | 12.5 | 11.0 | 12.5 | 8.0 | 7.0 | 5.0 | 4.5 | 4.5 | 8.0 | 5.5 | 5.0 | 6.5 | 12.5 |
| 14 | 8.5 | 8.5 | 9.5 | 11.5 | 10.0 | 10.0 | 6.0 | 4.0 | 4.0 | 4.5 | 10.5 | 10.0 | 7.5 | 11.0 | 20.0 | 17.0 | 11.0 | 12.5 | 10.5 | 6.5 | 3.5 | 7.0 | 8.0 | 8.0 | 9.0 | 20.0 |
| 15 | 12.0 | 9.5 | 10.5 | 10.5 | 10.5 | 9.5 | 6.0 | 4.0 | 3.5 | 6.0 | 6.0 | 7.0 | 8.0 | 8.0 | 7.5 | 6.0 | 7.0 | 5.5 | 5.5 | 3.0 | 4.0 | 7.0 | 10.0 | 12.5 | 7.5 | 12.5 |
| 16 | 13.5 | 9.5 | 7.0 | 8.5 | 9.0 | 9.5 | 7.5 | 4.5 | 3.5 | 3.5 | 5.5 | 7.0 | 6.5 | 9.0 | 11.0 | 9.0 | 10.0 | 9.0 | 7.0 | 10.0 | 4.5 | 11.5 | 9.0 | 11.0 | 8.0 | 13.5 |
| 17 | 6.0 | 9.0 | 3.5 | 7.0 | 5.0 | 5.0 | 6.0 | 3.5 | 8.5 | 10.0 | 9.0 | 9.0 | 7.0 | 7.0 | 8.0 | 10.5 | 12.0 | 7.5 | 10.5 | 9.5 | 7.0 | 6.0 | 9.0 | 5.5 | 7.5 | 12.0 |
| 18 | 5.0 | 8.0 | 10.5 | 6.5 | 5.0 | 3.5 | 4.5 | 5.0 | 3.0 | 4.0 | 6.5 | 10.5 | 6.5 | 12.5 | 17.5 | 17.0 | 15.5 | 8.5 | 12.5 | 16.0 | 17.0 | 15.5 | 7.0 | 3.0 | 9.0 | 17.5 |
| 19 | 5.5 | 6.5 | 7.0 | 5.0 | 3.0 | 4.0 | 2.5 | 3.0 | 3.0 | 4.0 | 6.0 | 6.0 | 6.5 | 8.0 | 13.5 | 19.0 | 12.0 | 8.5 | 15.5 | 19.0 | 19.0 | 15.0 | 9.5 | 14.5 | 9.0 | 19.0 |
| 20 | 14.0 | 8.5 | 6.5 | 5.5 | 4.5 | 9.5 | 6.0 | 5.0 | 4.0 | 3.5 | 3.5 | 4.0 | 5.5 | 8.0 | 6.5 | 16.5 | 22.0 | 7.5 | 6.5 | 8.5 | 10.5 | 6.5 | 8.5 | 11.0 | 8.0 | 22.0 |
| 21 | 9.5 | 11.5 | 11.5 | 11.0 | 6.5 | 9.0 | 6.0 | 4.5 | 3.0 | 4.5 | 5.5 | 6.0 | 8.5 | 6.5 | 7.5 | 10.5 | 16.5 | 9.5 | 9.0 | 7.5 | 8.0 | 5.0 | 6.0 | 10.0 | 8.0 | 16.5 |
| 22 | 9.5 | 8.0 | 9.5 | 10.0 | 11.0 | 10.0 | 6.0 | 4.5 | 3.5 | 4.0 | 5.0 | 4.5 | 7.5 | 7.5 | 7.5 | 7.0 | 12.5 | 7.5 | 10.0 | 9.5 | 3.5 | 5.5 | 9.0 | 10.5 | 7.5 | 12.5 |
| 23 | 6.5 | 9.5 | 11.5 | 12.0 | 7.5 | 7.0 | 6.0 | 3.5 | 3.5 | 5.0 | [PF] | [PF] | 7.5 | 7.5 | 10.0 | 10.0 | 9.5 | 9.0 | 8.0 | 10.5 | 10.0 | 13.0 | 12.5 | 9.0 | 8.5 | 13.0 |
| 24 | 7.0 | 4.5 | 7.5 | 5.5 | 6.0 | 6.0 | 7.0 | 4.0 | 5.5 | 5.0 | 5.5 | 6.5 | 9.0 | 8.5 | 10.0 | 7.0 | 13.0 | 14.0 | 10.5 | 10.0 | 10.5 | 9.5 | 10.0 | 13.0 | 8.0 | 14.0 |
| 25 | 6.0 | 6.0 | 7.0 | 4.0 | 3.0 | 6.0 | 5.0 | 8.5 | 10.0 | 6.5 | 6.5 | 8.0 | 11.5 | 19.5 | 19.0 | 15.5 | 16.5 | 11.5 | 9.5 | 6.0 | 7.0 | 5.5 | 4.5 | 5.5 | 8.5 | 19.5 |
| 26 | 4.5 | 2.0 | 5.0 | 9.5 | 7.5 | 6.0 | 3.5 | 2.5 | 3.0 | 3.5 | 4.0 | 6.0 | 7.0 | 7.5 | 12.5 | 17.0 | 11.0 | 6.0 | 6.0 | 7.0 | 10.5 | 11.0 | 7.5 | 9.5 | 7.0 | 17.0 |
| 27 | 15.0 | 10.5 | 6.5 | 5.0 | 5.5 | 3.5 | 6.5 | 3.0 | 5.5 | 5.0 | 4.0 | 6.5 | 11.5 | 12.0 | 8.5 | 10.0 | 13.0 | 14.5 | 13.5 | 8.5 | 2.5 | 8.5 | 13.0 | 9.5 | 8.5 | 15.0 |
| 28 | 12.0 | 11.5 | 10.5 | 11.5 | 8.5 | 9.5 | 5.0 | 4.5 | 2.5 | 4.5 | 5.5 | 7.0 | 10.5 | 14.5 | 21.0 | 19.5 | 10.5 | 7.5 | 6.0 | 7.0 | 4.0 | 8.5 | 11.0 | 9.0 | 9.0 | 21.0 |
| 29 | 11.0 | 6.5 | 9.0 | 11.5 | 9.0 | 7.0 | 8.0 | 5.5 | 4.0 | 4.0 | 7.0 | 6.5 | 8.0 | 16.5 | 7.5 | 17.0 | 15.0 | 10.5 | 9.0 | 6.5 | 4.0 | 6.0 | 8.5 | 12.5 | 9.0 | 17.0 |
| 30 | 8.5 | 8.0 | 4.0 | 6.0 | 3.0 | 4.5 | 4.5 | 6.0 | 6.0 | 5.0 | 7.5 | 7.0 | 7.5 | 7.0 | 8.0 | 10.0 | 10.5 | 11.5 | 19.5 | 14.5 | 6.5 | 16.5 | 22.0 | 17.0 | 9.0 | 22.0 |
| 31 | 5.5 | 7.5 | 10.5 | 10.5 | 6.5 | 4.0 | 3.0 | 2.0 | 5.0 | 8.5 | 10.5 | 10.0 | 9.0 | 9.5 | 8.0 | 7.5 | 7.5 | 16.5 | 12.0 | 17.0 | 18.5 | 7.0 | 6.0 | 5.0 | 8.5 | 18.5 |
| AV | 8.5 | 8.5 | 9.0 | 8.5 | 7.0 | 7.0 | 5.5 | 4.0 | 4.5 | 5.5 | 6.5 | 7.5 | 8.0 | 10.0 | 11.5 | 12.5 | 12.0 | 10.5 | 10.5 | 9.0 | 9.0 | 10.0 | 9.5 | 10.0 | 8.5 | [ ] |
| SD | 3.7 | 2.7 | 3.6 | 3.8 | 2.5 | 2.3 | 1.6 | 1.6 | 1.8 | 1.9 | 2.0 | 2.0 | 2.1 | 3.6 | 4.4 | 4.4 | 3.7 | 3.3 | 4.5 | 3.7 | 4.7 | 3.4 | 3.8 | 4.1 | 1.0 | [ ] |

OUTPT IVERSION N 28 JUL 76]

ND SPEED @ 30M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MAY,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 24/SEP/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 11.5 | 13.5 | 7.0 | 10.0 | 8.0 | 10.0 | 7.0 | 2.5 | 5.5 | 5.0 | 4.0 | 7.5 | 7.0 | 9.0 | 8.5 | 6.5 | 7.5 | 9.0 | 5.0 | 6.5 | 9.0 | 5.5 | 6.0 | 10.0 | 7.5 | 13.5 |
| 2 | 9.0 | 11.0 | 12.5 | 13.0 | 12.0 | 7.0 | 4.5 | 3.5 | 3.5 | 3.5 | 3.5 | 6.0 | 8.0 | 7.0 | 7.5 | 4.5 | 4.0 | 4.0 | 2.0 | 3.5 | 8.5 | 13.5 | 14.0 | 12.0 | 7.5 | 14.0 |
| 3 | 11.5 | 7.5 | 4.5 | 9.5 | 11.0 | 7.5 | 5.5 | 3.0 | 3.5 | 2.5 | 3.5 | 4.0 | 7.5 | 11.0 | 17.0 | 15.0 | 11.0 | 15.5 | 14.0 | 11.5 | 12.0 | 15.5 | 8.0 | 10.5 | 9.5 | 17.0 |
| 4 | 8.5 | 14.5 | 13.5 | 14.5 | 11.0 | 15.0 | 19.5 | 20.5 | 20.5 | 22.5 | 21.0 | 19.0 | 19.5 | 16.5 | 14.5 | 17.0 | 15.0 | 21.0 | 15.0 | 10.5 | 7.0 | 6.5 | 6.0 | 9.0 | 15.0 | 22.5 |
| 5 | 8.5 | 6.0 | 6.5 | 7.0 | 6.5 | 7.0 | 6.0 | 4.0 | 4.5 | 5.0 | 4.5 | 10.0 | 12.5 | 13.5 | 12.5 | 10.5 | 10.5 | 11.0 | 15.0 | 8.5 | 6.5 | 10.0 | 8.5 | 13.5 | 8.5 | 15.0 |
| 6 | 12.5 | 13.0 | 5.5 | 5.5 | 7.0 | 5.0 | 3.0 | 4.0 | 5.0 | 6.5 | 10.5 | 9.5 | 10.0 | 5.0 | 4.0 | 10.0 | 7.5 | 3.0 | 4.5 | 10.5 | 6.0 | 5.5 | 5.0 | 3.5 | 6.5 | 13.0 |
| 7 | 2.5 | 5.0 | 4.5 | 4.5 | 4.5 | 2.5 | 3.5 | 3.5 | 5.5 | 8.5 | 6.5 | 7.5 | 12.0 | 11.5 | 8.5 | 9.0 | 5.5 | 5.0 | 10.0 | 7.5 | 4.0 | 5.5 | 6.5 | 8.0 | 6.5 | 12.0 |
| 8 | 6.5 | 4.0 | 8.0 | 7.5 | 5.5 | 3.0 | 6.5 | 5.0 | 6.0 | 6.0 | 7.5 | 7.0 | 5.5 | 6.0 | 6.5 | 13.0 | 9.0 | 5.5 | 7.0 | 5.5 | 6.5 | 6.0 | 9.5 | 3.0 | 6.5 | 13.0 |
| 9 | 7.0 | 5.5 | 5.0 | 5.0 | 4.5 | 4.0 | 2.0 | 3.0 | 2.5 | 5.5 | 4.5 | 5.0 | 4.0 | 6.0 | 6.5 | 10.0 | 11.0 | 13.0 | 15.0 | 17.0 | 19.0 | 17.0 | 17.0 | 10.5 | 8.5 | 19.0 |
| 10 | 8.0 | 7.5 | 7.5 | 10.0 | 9.5 | 8.0 | 5.0 | 3.0 | 5.0 | 4.5 | 4.5 | 4.0 | 5.0 | 12.5 | 11.5 | 8.0 | 8.0 | 6.5 | 5.5 | 4.5 | 9.0 | 9.5 | 12.0 | 8.0 | 7.5 | 12.5 |
| 11 | 8.0 | 11.0 | 6.0 | 6.5 | 4.5 | 6.0 | 5.5 | 2.5 | 3.5 | 4.5 | 11.0 | 20.0 | 19.5 | 9.5 | 20.5 | 23.5 | 30.0 | 27.5 | 24.5 | 24.0 | 25.5 | 18.5 | 13.0 | 9.0 | 14.0 | 30.0 |
| 12 | 3.0 | 5.5 | 9.0 | 8.5 | 10.5 | 11.5 | 6.0 | 3.0 | 4.5 | 12.5 | 20.0 | [MT] | 15.5 | 13.5 | 15.5 | 11.5 | 13.0 | 13.5 | 13.5 | 9.0 | 6.0 | 10.5 | 10.0 | 8.5 | 10.0 | 20.0 |
| 13 | 11.0 | 11.5 | 13.0 | 13.0 | 12.0 | 10.5 | 10.5 | 5.5 | 3.5 | 3.5 | 4.5 | 6.5 | 6.5 | 6.0 | 8.0 | 5.0 | 4.0 | 4.5 | 4.5 | 5.5 | 10.5 | 7.0 | 11.0 | 11.0 | 8.0 | 13.0 |
| 14 | 9.5 | 13.0 | 12.5 | 8.0 | 6.0 | 9.0 | 7.0 | 5.5 | 4.5 | 4.0 | 4.5 | 5.5 | 7.0 | 9.0 | 8.0 | 11.5 | 15.5 | 16.0 | 11.5 | 12.0 | 13.5 | 13.0 | 12.0 | 12.5 | 9.5 | 16.0 |
| 15 | 14.5 | 10.5 | 10.0 | 13.0 | 11.5 | 17.5 | 21.0 | 19.5 | 17.0 | 17.0 | 15.5 | 14.0 | 16.0 | 21.0 | 22.5 | 21.0 | 22.5 | 23.0 | 21.5 | 23.5 | 24.0 | 23.0 | 18.5 | 14.5 | 18.0 | 24.0 |
| 16 | 7.0 | 11.5 | 9.0 | 6.5 | 3.5 | 8.0 | 7.0 | 9.5 | 9.0 | 8.5 | 9.0 | 7.5 | 6.5 | 4.5 | 5.5 | 7.0 | 5.0 | 4.0 | 3.0 | 4.5 | 5.5 | 9.5 | 11.5 | 12.0 | 7.5 | 12.0 |
| 17 | 14.0 | 12.5 | 10.0 | 9.0 | 6.5 | 8.0 | 6.0 | 3.5 | 4.0 | 4.0 | 5.0 | 4.5 | 5.5 | 8.5 | 6.5 | 7.5 | 5.0 | 5.5 | 3.5 | 4.5 | 9.0 | 11.5 | 12.5 | 6.0 | 7.0 | 14.0 |
| 18 | 5.5 | 3.5 | 7.5 | 8.5 | 6.0 | 7.0 | 4.5 | 2.5 | 4.5 | 5.0 | 7.5 | 6.0 | 8.0 | 18.0 | 16.0 | 16.0 | 13.5 | 13.0 | 9.0 | 12.5 | 12.5 | 4.5 | 6.0 | 8.5 | 8.5 | 18.0 |
| 19 | 9.0 | 5.0 | 4.5 | 15.0 | 7.0 | 4.5 | 3.5 | 2.5 | 6.0 | 7.0 | 9.5 | 9.0 | 8.0 | 15.5 | 10.0 | 13.5 | 16.5 | 11.0 | 7.5 | 9.0 | 14.5 | 10.5 | 6.0 | 6.5 | 9.0 | 15.5 |
| 20 | 5.0 | 5.0 | 5.5 | 8.0 | 9.0 | 8.0 | 5.5 | 6.5 | 7.5 | 3.5 | 6.0 | 8.5 | 18.5 | 17.0 | 16.5 | 11.5 | 9.0 | 9.5 | 8.5 | 5.5 | 6.0 | 8.0 | 10.0 | 8.5 | 8.5 | 17.0 |
| 21 | 9.5 | 4.5 | 6.0 | 7.5 | 5.5 | 4.0 | 3.5 | 3.0 | 4.0 | 4.0 | 13.5 | 13.0 | 18.0 | 12.5 | 6.0 | 2.5 | 4.0 | 5.5 | 6.0 | 3.5 | 3.0 | 8.5 | 3.5 | 6.5 | 6.5 | 18.0 |
| 22 | 4.0 | 3.5 | 4.5 | 3.0 | 5.5 | 5.0 | 5.5 | 3.0 | 2.5 | 3.5 | 5.5 | 7.5 | 11.5 | 8.0 | 13.0 | 13.0 | 18.0 | 17.5 | 9.0 | 4.5 | 2.0 | 2.5 | 7.5 | 10.5 | 7.0 | 18.0 |
| 23 | 7.0 | 6.5 | 7.0 | 8.0 | 7.0 | 4.5 | 3.5 | 3.0 | 3.0 | 3.5 | 4.0 | 5.5 | 7.0 | 7.0 | 6.0 | 6.0 | 7.5 | 5.0 | 10.0 | 9.0 | 4.0 | 5.0 | 6.5 | 8.5 | 6.0 | 10.0 |
| 24 | 7.0 | 8.5 | 7.0 | 8.0 | 14.5 | 4.5 | 2.5 | 4.5 | 3.5 | 5.0 | 6.0 | 6.5 | 5.0 | 6.0 | 12.5 | 13.5 | 11.0 | 11.5 | 4.0 | 6.0 | 4.5 | 6.0 | 9.5 | 9.5 | 7.5 | 14.5 |
| 25 | 5.5 | 4.0 | 8.0 | 8.0 | 10.0 | 9.5 | 4.5 | 3.5 | 2.5 | 5.0 | 4.5 | 8.0 | 16.5 | 15.5 | 17.0 | 19.5 | 4.0 | 5.5 | 6.5 | 10.0 | 11.0 | 8.5 | 6.5 | 8.5 | 8.5 | 19.5 |
| 26 | 8.0 | 10.0 | 8.5 | 10.5 | 11.5 | 10.5 | 6.0 | 3.0 | 5.0 | 5.0 | 6.0 | 5.5 | 8.0 | 8.0 | 7.0 | 6.0 | 5.0 | 4.0 | 4.5 | 6.0 | 5.0 | 11.5 | 10.5 | 12.0 | 7.5 | 12.0 |
| 27 | 11.5 | 7.5 | 10.5 | 10.0 | 9.0 | 10.0 | 5.5 | 3.0 | 4.0 | 5.5 | 5.5 | 5.5 | 9.5 | 10.5 | 9.5 | 9.5 | 12.5 | 8.5 | 7.0 | 2.5 | 7.0 | 11.0 | 10.5 | 6.5 | 8.0 | 12.5 |
| 28 | 8.0 | 5.5 | 4.0 | 5.0 | 5.0 | 6.0 | 2.5 | 2.5 | 4.5 | 4.5 | 8.0 | 11.5 | 7.0 | 9.0 | 16.0 | 18.0 | 19.0 | 18.0 | 16.0 | 14.0 | 12.0 | 13.0 | 9.0 | 4.0 | 9.5 | 19.0 |
| 29 | 8.5 | 8.0 | 10.0 | 8.0 | 7.5 | 9.5 | 7.0 | 3.5 | 3.0 | 4.5 | 6.5 | 6.5 | 7.0 | 9.0 | 8.0 | 20.0 | 17.0 | 15.0 | 17.0 | 10.5 | 12.5 | 13.5 | 6.0 | 4.0 | 9.5 | 20.0 |
| 30 | 3.0 | 9.5 | 9.0 | 5.5 | 8.0 | 9.0 | 7.5 | 8.0 | 4.5 | 4.0 | 7.5 | 8.0 | 9.0 | 7.5 | 6.5 | 4.0 | 17.0 | 12.0 | 12.5 | 12.5 | 15.0 | 11.0 | 6.0 | 7.0 | 8.5 | 17.0 |
| 31 | 10.5 | 6.5 | 6.0 | 9.0 | 7.0 | 4.5 | 4.0 | 3.5 | 5.5 | 6.0 | 4.5 | 6.0 | 8.0 | 9.5 | 8.5 | 8.5 | 14.5 | 14.5 | 8.0 | 3.5 | 7.0 | 10.0 | 11.5 | 10.5 | 8.0 | 14.5 |
| AV | 8.0 | 8.0 | 8.0 | 8.5 | 8.0 | 7.5 | 6.0 | 5.0 | 5.5 | 6.0 | 7.5 | 8.0 | 10.0 | 10.5 | 11.0 | 11.5 | 11.5 | 11.0 | 9.5 | 9.0 | 9.5 | 10.0 | 9.5 | 9.0 | 8.5 | [ ] |
| SD | 3.0 | 3.3 | 2.5 | 2.9 | 2.7 | 3.3 | 4.1 | 4.3 | 3.8 | 4.1 | 4.4 | 3.8 | 4.4 | 4.1 | 4.0 | 5.2 | 6.0 | 6.2 | 5.5 | 5.2 | 5.6 | 4.4 | 3.4 | 2.9 | 2.5 | [ ] |

OUTPT [VERSION N 28 JUL 76]

WIND SPEED @ 30M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JUNE,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 24/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 6.0 | 5.5 | 11.5 | 8.5 | 5.5 | 3.5 | 5.5 | 4.0 | 4.0 | 5.5 | 7.5 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | 6.0 | 11.5 |
| 2 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | 17.0 | 12.0 | 15.0 | 17.0 | 15.0 | 14.5 | 14.5 | 13.0 | 11.5 | 12.0 | 12.0 | 5.0 | 13.0 | 17.0 |
| 3 | 10.0 | 7.0 | 3.5 | 6.0 | 7.0 | 4.5 | 4.0 | 3.0 | 4.5 | 15.5 | 20.0 | 22.0 | 22.5 | 22.5 | 20.5 | 22.0 | 20.0 | 18.0 | 17.5 | 14.0 | 12.5 | 14.5 | 6.5 | 3.5 | 12.5 | 22.5 |
| 4 | 9.5 | 9.0 | 4.5 | 8.5 | 6.0 | 2.5 | 3.0 | 4.0 | 4.0 | 5.0 | 13.0 | 19.5 | 17.5 | 18.5 | 17.0 | 17.5 | 16.5 | 16.0 | 13.0 | 11.0 | 13.5 | 12.0 | 12.0 | 7.5 | 11.0 | 19.5 |
| 5 | 7.5 | 11.5 | 13.5 | 7.5 | 9.5 | 7.5 | 4.0 | 2.5 | 4.5 | 7.0 | 7.5 | 10.0 | 13.5 | 13.0 | 14.5 | 15.5 | 15.5 | 13.0 | 13.0 | 10.0 | 12.0 | 8.0 | 12.5 | 9.5 | 10.0 | 15.5 |
| 6 | 11.5 | 10.5 | 9.0 | 5.5 | 5.5 | 7.5 | 4.0 | 3.0 | 3.0 | 12.5 | 20.0 | 19.5 | 19.0 | 18.5 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | 10.5 | 20.0 |
| 7 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | 12.5 | 15.0 | 17.0 | 16.0 | 16.0 | 10.5 | 11.5 | 12.0 | 10.0 | 9.5 | 13.0 | 17.0 |
| 8 | 8.5 | 4.5 | 5.5 | 6.0 | 4.0 | 5.0 | 3.5 | 3.0 | 13.5 | 15.5 | 18.5 | 19.0 | 20.0 | 21.5 | 16.5 | 11.5 | 15.5 | 16.0 | 14.0 | 14.5 | 10.0 | 13.5 | 4.0 | 6.0 | 11.0 | 21.5 |
| 9 | 8.5 | 9.5 | 8.5 | 10.0 | 7.5 | 8.0 | 6.0 | 5.0 | 5.0 | 7.5 | 8.0 | 20.0 | 20.5 | 18.5 | 19.0 | 18.0 | 18.5 | 21.0 | 20.0 | 16.5 | 11.5 | 13.0 | 12.5 | 11.0 | 12.5 | 21.0 |
| 10 | 12.5 | 9.5 | 9.0 | 9.0 | 5.0 | 9.5 | 11.0 | 12.5 | 18.0 | 19.0 | 19.0 | 21.0 | 20.5 | 23.5 | 25.0 | 27.5 | 27.0 | 26.0 | 24.5 | 20.5 | 17.0 | 13.5 | 13.0 | 6.5 | 16.5 | 27.5 |
| 11 | 4.5 | 9.5 | 9.0 | 10.0 | 11.0 | 8.0 | 7.5 | 11.5 | 18.0 | 20.5 | 21.0 | 20.5 | 17.5 | 17.0 | 16.0 | 20.5 | 18.5 | 21.5 | 19.5 | 20.5 | 10.0 | 9.5 | 12.0 | 11.5 | 14.5 | 21.5 |
| 12 | 8.5 | 8.5 | 7.0 | 7.0 | 8.0 | 10.0 | 9.5 | 4.5 | 7.0 | 12.5 | 13.5 | 14.5 | 13.5 | 16.5 | 17.5 | 15.0 | 13.5 | 12.0 | 16.0 | 9.5 | 11.5 | 7.5 | 5.5 | 3.0 | 10.5 | 17.5 |
| 13 | 7.5 | 11.5 | 9.5 | 6.0 | 5.5 | 9.0 | 9.0 | 5.0 | 6.5 | 7.5 | 10.5 | 14.0 | 13.0 | 12.5 | 12.0 | 17.0 | 14.5 | 22.5 | 14.5 | 12.5 | 11.0 | 11.0 | 9.5 | 16.5 | 11.5 | 22.5 |
| 14 | 10.5 | 10.0 | 8.5 | 8.5 | 12.0 | 10.5 | 8.5 | 8.5 | 9.5 | 12.0 | 11.0 | 10.5 | 7.5 | 9.0 | 7.5 | 6.5 | 5.5 | 7.5 | 14.0 | 17.0 | 11.5 | 6.5 | 3.0 | 7.0 | 9.5 | 17.0 |
| 15 | 9.0 | 10.5 | 9.5 | 9.0 | 8.5 | 8.5 | 6.5 | 3.5 | 4.5 | 4.0 | 5.0 | 5.5 | 6.5 | 6.5 | 6.0 | 8.0 | 7.5 | 6.0 | 2.5 | 11.5 | 13.5 | 13.5 | 5.5 | 4.5 | 7.5 | 13.5 |
| 16 | 4.5 | 4.5 | 5.0 | 3.5 | 6.0 | 6.5 | 4.5 | 3.5 | 6.0 | 9.5 | 9.5 | 6.5 | 9.0 | 17.0 | 14.5 | 19.0 | 20.5 | 20.0 | 10.5 | 18.5 | 21.5 | 14.0 | 17.5 | 14.0 | 11.0 | 21.5 |
| 17 | 12.5 | 6.5 | 5.0 | 5.5 | 6.5 | 7.0 | 3.5 | 5.5 | 4.5 | 4.0 | 6.0 | 7.0 | 8.5 | 13.0 | 9.5 | 10.5 | 14.0 | 7.0 | 11.0 | 10.0 | 7.5 | 7.0 | 10.0 | 5.5 | 8.0 | 14.0 |
| 18 | 7.0 | 8.0 | 9.0 | 8.0 | 9.0 | 9.0 | 3.5 | 3.0 | 5.0 | 5.5 | 10.0 | 12.0 | 13.0 | 11.5 | 12.5 | 9.0 | 5.0 | 10.5 | 14.5 | 17.0 | 18.5 | 17.5 | 9.5 | 4.0 | 9.5 | 18.5 |
| 19 | 4.5 | 7.5 | 9.5 | 9.0 | 8.0 | 7.0 | 2.5 | 3.5 | 4.0 | 4.5 | 5.5 | 5.5 | 6.5 | 8.0 | 7.0 | 7.0 | 5.5 | 5.5 | 3.0 | 7.5 | 4.5 | 8.0 | 5.5 | 5.5 | 6.0 | 9.5 |
| 20 | 5.0 | 4.5 | 5.0 | 6.5 | 6.5 | 6.0 | 3.0 | 3.0 | 4.0 | 5.0 | 5.5 | 9.5 | 13.5 | 20.5 | 21.0 | 21.5 | 20.5 | 18.0 | 19.0 | 17.5 | 16.0 | 17.5 | 15.0 | 11.5 | 11.5 | 21.5 |
| 21 | 11.0 | 6.0 | 6.0 | 9.5 | 8.5 | 7.5 | 3.0 | 4.0 | 5.0 | 7.0 | 12.0 | 19.0 | 18.0 | 19.0 | 19.5 | 20.0 | 17.0 | 17.0 | 17.0 | 16.0 | 13.0 | 12.0 | 15.5 | 17.0 | 12.5 | 20.0 |
| 22 | 12.0 | 13.0 | 18.0 | 20.0 | 24.5 | 15.5 | 13.5 | 16.0 | 17.5 | 15.5 | 12.5 | 6.0 | 3.0 | 11.0 | 14.0 | 17.0 | 17.0 | 20.5 | 6.0 | 8.5 | 7.5 | 7.0 | 9.0 | 5.5 | 13.0 | 24.5 |
| 23 | 4.0 | 8.0 | 4.5 | 3.0 | 5.0 | 8.0 | 6.5 | 6.0 | 11.5 | 11.0 | 12.0 | 10.0 | 13.5 | 14.5 | 12.0 | 16.5 | 22.0 | 25.0 | 31.0 | 27.5 | 19.5 | 6.0 | 4.0 | 4.5 | 12.0 | 31.0 |
| 24 | 7.5 | 9.0 | 10.5 | 9.5 | 9.0 | 9.5 | 8.0 | 4.0 | 5.5 | 7.5 | 11.0 | 9.5 | 9.0 | 12.5 | 12.5 | 8.0 | 7.0 | 17.0 | 19.0 | 19.5 | 17.0 | 14.0 | 11.5 | 7.5 | 10.5 | 19.5 |
| 25 | 12.0 | 8.5 | 10.0 | 6.5 | 9.5 | 9.0 | 5.5 | 3.5 | 4.5 | 5.5 | 11.0 | 18.5 | 20.5 | 19.0 | 20.5 | 17.5 | 14.0 | 12.5 | 17.5 | 15.0 | 16.5 | 13.0 | 7.5 | 3.0 | 11.5 | 20.5 |
| 26 | 5.0 | 3.0 | 8.0 | 7.0 | 5.0 | 4.0 | 5.0 | 4.5 | 8.0 | 6.0 | 11.0 | 10.5 | 8.5 | 7.5 | 9.0 | 8.5 | 11.0 | 9.0 | 9.0 | 8.5 | 5.5 | 7.0 | 9.0 | 12.0 | 7.5 | 12.0 |
| 27 | 12.5 | 10.5 | 7.0 | 11.0 | 11.0 | 9.0 | 5.0 | 2.5 | 3.5 | 4.0 | 5.0 | 4.5 | 9.5 | 16.5 | 11.0 | 9.0 | 13.0 | 12.5 | 10.0 | 13.0 | 11.0 | 6.5 | 9.0 | 12.0 | 9.0 | 16.5 |
| 28 | 13.5 | 12.5 | 5.0 | 7.0 | 7.5 | 6.5 | 4.0 | 3.0 | 5.0 | 3.5 | 5.5 | 6.5 | 7.5 | 5.5 | 6.5 | 6.5 | 7.0 | 6.0 | 8.5 | 7.5 | 3.5 | 8.0 | 9.5 | 7.5 | 7.0 | 13.5 |
| 29 | 6.5 | 7.0 | 7.5 | 8.0 | 8.0 | 9.0 | 7.0 | 3.5 | 4.0 | 4.5 | 6.0 | 5.5 | 8.0 | 8.5 | 19.0 | 14.5 | 7.5 | 6.5 | 13.0 | 15.5 | 16.5 | 17.5 | 13.5 | 14.5 | 9.5 | 19.0 |
| 30 | 11.0 | 10.5 | 10.5 | 5.0 | 4.0 | 3.5 | 3.5 | 4.0 | 10.5 | 15.0 | 16.5 | 16.0 | 17.0 | 19.0 | 15.5 | 17.5 | 21.0 | 8.0 | 9.5 | 12.0 | 11.5 | 6.5 | 4.5 | 7.5 | 11.0 | 21.0 |
| 31 | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] |
| AV | 8.5 | 8.5 | 8.0 | 8.0 | 8.0 | 7.5 | 5.5 | 5.0 | 7.0 | 9.0 | 11.0 | 12.5 | 13.5 | 14.5 | 14.5 | 15.0 | 14.5 | 14.5 | 14.0 | 14.0 | 12.5 | 11.0 | 9.5 | 8.5 | 10.5 | [ ] |
| SD | 2.9 | 2.5 | 3.1 | 3.0 | 3.8 | 2.6 | 2.7 | 3.2 | 4.5 | 4.9 | 4.9 | 5.8 | 5.1 | 5.0 | 4.8 | 5.4 | 5.7 | 6.0 | 5.9 | 4.6 | 4.3 | 3.5 | 3.7 | 4.0 | 2.4 | [ ] |

WIND SPEED @ 30M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A-6

JULY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 24/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 6.0 | 12.0 | 9.5 | 4.5 | 4.5 | 7.0 | 7.5 | 6.0 | 7.0 | 12.5 | 9.0 | 9.0 | 8.0 | 8.5 | 12.5 | 8.5 | 9.5 | 13.0 | 12.0 | 11.5 | 11.0 | 11.5 | 7.5 | 3.5 | 9.0 | 13.0 |
| 2 | 3.0 | 7.0 | 23.5 | 22.0 | 6.0 | 7.0 | 9.0 | 3.5 | 4.5 | 5.5 | 6.5 | 7.0 | 8.5 | 9.0 | 14.0 | 20.0 | 19.5 | 16.5 | 11.5 | 8.0 | 9.0 | 13.5 | 7.5 | 5.0 | 10.5 | 23.5 |
| 3 | 11.0 | 8.0 | 9.0 | 9.5 | 9.5 | 5.0 | 4.0 | 3.5 | 4.0 | 4.0 | 6.0 | 6.0 | 6.5 | 8.5 | 9.0 | 9.0 | 7.5 | 5.5 | 6.0 | 6.5 | 4.0 | 9.5 | 11.0 | 14.0 | 7.5 | 14.0 |
| 4 | 14.0 | 13.0 | 11.5 | 12.5 | 8.0 | 10.0 | 8.0 | 3.5 | 4.0 | 4.5 | 6.0 | 6.0 | 7.5 | 14.5 | 10.5 | 13.0 | 17.0 | 13.5 | 12.0 | 6.5 | 7.5 | 10.5 | 11.5 | 9.0 | 10.0 | 17.0 |
| 5 | 10.5 | 9.5 | 11.5 | 12.0 | 9.0 | 9.0 | 3.5 | 3.0 | 4.5 | 5.5 | 8.5 | 10.0 | 6.5 | 8.5 | 10.0 | 10.0 | 8.5 | 8.5 | 6.5 | 7.5 | 6.5 | 11.5 | 13.0 | 12.5 | 8.5 | 13.0 |
| 6 | 5.0 | 9.5 | 11.5 | 9.5 | 8.5 | 9.0 | 6.5 | 2.5 | 4.5 | 6.0 | 4.0 | 4.0 | 7.0 | 7.0 | 8.0 | 7.5 | 5.5 | 13.0 | 16.0 | 10.5 | 9.5 | 9.0 | 7.0 | 10.0 | 8.0 | 16.0 |
| 7 | 7.0 | 5.5 | 9.0 | 5.0 | 4.5 | 5.0 | 4.0 | 2.5 | 4.0 | 5.0 | 11.0 | 11.5 | 12.5 | 16.0 | 22.5 | 15.0 | 9.5 | 17.0 | 21.0 | 17.0 | 14.0 | 10.5 | 20.5 | 20.0 | 11.0 | 22.5 |
| 8 | 16.0 | 6.0 | 3.5 | 4.0 | 6.5 | 6.5 | 4.0 | 2.5 | 3.5 | 6.0 | 6.5 | 10.0 | 9.0 | 10.5 | 6.0 | 8.0 | 11.0 | 8.5 | 4.0 | 12.0 | 12.0 | 13.5 | 12.0 | 8.5 | 8.0 | 16.0 |
| 9 | 5.5 | 7.5 | 11.0 | 11.0 | 8.0 | 6.5 | 3.0 | 4.0 | 5.0 | 7.0 | 7.5 | 7.5 | 8.0 | 11.0 | 14.5 | 9.5 | 7.0 | 6.0 | 6.0 | 5.5 | 10.5 | 11.0 | 10.5 | 15.5 | 8.5 | 15.5 |
| 10 | 14.5 | 16.0 | 6.5 | 6.0 | 4.5 | 8.5 | 7.0 | 4.0 | 4.0 | 5.5 | 7.0 | 6.5 | 7.0 | 9.0 | 10.0 | 18.5 | 14.0 | 9.0 | 8.5 | 6.0 | 19.0 | 14.5 | 9.5 | 7.5 | 9.5 | 19.0 |
| 11 | 2.5 | 3.5 | 7.0 | 10.0 | 13.5 | 13.0 | 4.0 | 3.0 | 3.5 | 4.5 | 7.0 | 6.5 | 7.5 | 7.0 | 8.0 | 13.5 | 11.5 | 9.5 | 21.0 | 9.5 | 6.5 | 10.5 | 9.0 | 9.5 | 8.5 | 21.0 |
| 12 | 9.5 | 12.0 | 9.5 | 8.0 | 5.0 | 7.5 | 4.0 | 8.0 | 8.0 | 8.0 | 5.0 | 6.5 | 15.0 | 17.0 | 9.5 | 9.5 | 10.5 | 13.0 | 11.0 | 6.5 | 8.5 | 6.0 | 6.5 | 5.5 | 8.5 | 17.0 |
| 13 | 6.5 | 7.5 | 5.0 | 5.0 | 6.0 | 8.0 | 5.5 | 4.0 | 4.0 | 4.5 | 6.0 | 6.0 | 7.5 | 12.0 | 11.0 | 12.5 | 8.5 | 7.0 | 5.5 | 4.5 | 5.0 | 8.0 | 5.5 | 4.0 | 6.5 | 12.5 |
| 14 | 8.5 | 8.5 | 10.0 | 11.5 | 10.0 | 10.0 | 5.0 | 4.0 | 4.0 | 5.0 | 10.0 | 10.5 | 8.0 | 10.5 | 20.0 | 17.0 | 11.0 | 12.0 | 10.5 | 6.5 | 3.5 | 6.0 | 8.0 | 8.0 | 9.0 | 20.0 |
| 15 | 11.5 | 9.5 | 10.5 | 10.5 | 10.5 | 9.5 | 5.5 | 3.5 | 4.0 | 6.0 | 6.5 | 7.5 | 8.5 | 8.0 | 8.0 | 5.5 | 7.0 | 6.0 | 5.5 | 3.0 | 4.5 | 5.0 | 10.0 | 12.5 | 7.5 | 12.5 |
| 16 | 13.5 | 9.5 | 7.5 | 9.0 | 8.0 | 9.5 | 7.5 | 4.5 | 3.5 | 4.0 | 5.5 | 7.0 | 6.5 | 9.0 | 11.0 | 9.0 | 10.0 | 9.5 | 7.0 | 11.0 | 5.0 | 11.0 | 9.5 | 11.0 | 6.5 | 13.5 |
| 17 | 8.0 | 6.5 | 3.0 | 7.0 | 5.5 | 6.0 | 6.0 | 3.5 | 8.5 | 10.0 | 9.0 | 9.0 | 7.0 | 7.0 | 9.0 | 10.0 | 16.5 | 16.0 | 22.0 | 13.5 | 10.5 | 11.5 | 8.0 | 6.0 | 9.0 | 22.0 |
| 18 | 5.0 | 8.0 | 10.5 | 7.0 | 5.0 | 3.0 | 3.5 | 4.5 | 3.0 | 4.0 | 6.5 | 10.5 | 6.5 | 12.5 | 17.0 | 17.0 | 15.0 | 13.5 | 7.0 | 9.0 | 13.5 | 5.0 | 3.5 | 5.5 | 8.0 | 17.0 |
| 19 | 5.5 | 6.5 | 7.0 | 5.0 | 3.0 | 3.5 | 3.0 | 3.0 | 3.0 | 3.5 | 6.0 | 6.0 | 6.5 | 7.5 | 13.5 | 17.5 | 12.0 | 8.5 | 15.0 | 18.5 | 19.0 | 14.5 | 9.5 | 13.5 | 9.0 | 19.0 |
| 20 | 12.5 | 8.5 | 6.0 | 6.0 | 4.5 | 9.5 | 6.0 | 4.5 | 4.0 | 3.5 | 3.5 | 4.0 | 5.5 | 6.5 | 6.0 | 16.5 | 22.5 | 7.0 | 6.5 | 8.5 | 11.0 | 6.5 | 9.0 | 11.5 | 8.0 | 22.5 |
| 21 | 10.0 | 11.5 | 11.5 | 10.5 | 6.5 | 9.5 | 6.0 | 4.0 | 3.5 | 4.5 | 5.5 | 5.5 | 8.0 | 7.0 | 7.5 | 10.0 | 16.5 | 9.5 | 9.0 | 8.5 | 9.0 | 5.0 | 6.0 | 9.5 | 8.0 | 16.5 |
| 22 | 10.0 | 8.0 | 9.5 | 10.5 | 11.5 | 11.0 | 6.5 | 4.0 | 3.5 | 4.0 | 5.5 | 5.0 | 8.0 | 8.0 | 7.0 | 7.5 | 13.0 | 8.0 | 10.5 | 10.0 | 4.0 | 4.5 | 9.5 | 11.0 | 8.0 | 13.0 |
| 23 | 7.0 | 9.5 | 11.5 | 11.5 | 8.0 | 7.5 | 6.5 | 4.0 | 3.5 | 5.5 | [PF] | [PF] | 7.5 | 7.5 | 10.5 | 10.5 | 10.0 | 9.5 | 8.5 | 11.5 | 10.0 | 12.0 | 13.0 | 9.0 | 9.0 | 13.0 |
| 24 | 6.5 | 4.5 | 7.5 | 6.0 | 5.5 | 6.5 | 7.0 | 4.5 | 6.0 | 5.5 | 6.0 | 7.0 | 9.0 | 8.0 | 10.0 | 6.5 | 12.5 | 13.5 | 16.5 | 10.0 | 10.5 | 9.5 | 11.0 | 13.0 | 8.0 | 16.5 |
| 25 | 6.5 | 6.5 | 7.5 | 4.0 | 4.0 | 6.5 | 6.0 | 9.0 | 10.0 | 6.5 | 6.5 | 8.5 | 10.5 | 18.5 | 19.5 | 15.0 | 17.0 | 11.5 | 8.5 | 6.0 | 7.5 | 5.0 | 4.0 | 6.0 | 9.0 | 19.5 |
| 26 | 5.0 | 2.5 | 5.0 | 9.5 | 8.0 | 6.0 | 3.0 | 2.0 | 2.5 | 3.0 | 3.5 | 5.0 | 7.5 | 7.5 | 12.5 | 17.0 | 10.0 | 6.0 | 6.0 | 7.0 | 10.0 | 11.5 | 8.0 | 9.0 | 7.0 | 17.0 |
| 27 | 14.5 | 10.5 | 6.5 | 5.5 | 6.0 | 3.5 | 7.0 | 3.0 | 5.5 | 5.5 | 4.0 | 6.5 | 11.5 | 12.5 | 8.5 | 10.0 | 13.0 | 15.0 | 14.0 | 8.5 | 2.5 | 8.0 | 12.5 | 9.0 | 8.5 | 15.0 |
| 28 | 11.5 | 11.0 | 10.5 | 11.5 | 9.0 | 9.5 | 5.0 | 4.0 | 2.5 | 4.5 | 5.0 | 7.0 | 10.5 | 14.5 | 21.0 | 20.0 | 10.5 | 8.0 | 6.5 | 7.5 | 4.0 | 8.5 | 11.0 | 9.0 | 9.5 | 21.0 |
| 29 | 11.0 | 6.5 | 9.0 | 11.5 | 8.5 | 7.0 | 8.0 | 5.5 | 4.0 | 4.0 | 7.5 | 6.5 | 8.0 | 16.0 | 8.0 | 17.0 | 15.5 | 11.0 | 9.5 | 7.0 | 4.5 | 7.5 | 9.5 | 14.0 | 9.0 | 17.0 |
| 30 | 8.5 | 9.0 | 4.5 | 6.5 | 3.0 | 4.5 | 4.0 | 6.0 | 6.5 | 5.5 | 8.0 | 7.5 | 7.5 | 7.0 | 8.0 | 10.0 | 10.5 | 11.5 | 19.5 | 14.5 | 6.5 | 17.0 | 23.0 | 18.0 | 9.5 | 23.0 |
| 31 | 6.0 | 7.5 | 11.0 | 10.5 | 6.5 | 4.0 | 3.0 | 2.5 | 5.0 | 8.5 | 10.0 | 10.0 | 9.0 | 9.5 | 8.0 | 7.5 | 8.0 | 16.5 | 12.0 | 17.5 | 19.0 | 7.5 | 6.5 | 5.0 | 9.0 | 19.0 |
| AV | 9.0 | 8.5 | 9.0 | 9.0 | 7.0 | 7.5 | 5.5 | 4.0 | 4.5 | 5.5 | 6.5 | 7.5 | 8.5 | 10.0 | 11.5 | 12.5 | 12.0 | 10.5 | 10.5 | 9.0 | 9.0 | 9.5 | 10.0 | 10.0 | 8.5 | [ ] |
| SD | 3.5 | 2.8 | 3.6 | 3.6 | 2.5 | 2.4 | 1.7 | 1.5 | 1.7 | 2.0 | 1.9 | 1.9 | 1.9 | 3.4 | 4.3 | 4.3 | 3.9 | 3.4 | 4.9 | 3.5 | 4.5 | 3.2 | 4.0 | 3.9 | .9 | [ ] |

OUTPT [VERSION N 28 JUL 76]

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MAY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | PREV | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 120 | 120 | 115 | 115 | 115 | 125 | 105 | 35 | 270 | 250 | 270 | 245 | 275 | 255 | 250 | 240 | 260 | 265 | 200 | 110 | 105 | 85 | 90 | 115 | 6 | |
| 2 | 120 | 130 | 120 | 120 | 110 | 85 | 65 | 50 | 15 | 285 | 255 | 250 | 240 | 255 | 235 | 330 | 320 | 15 | 100 | 120 | 120 | 125 | 115 | 120 | 6 | |
| 3 | 105 | 100 | 80 | 110 | 105 | 90 | 240 | 10 | 270 | 315 | 255 | 330 | 135 | 200 | 170 | 200 | 180 | 180 | 180 | 150 | 130 | 180 | 200 | 205 | 9 | |
| 4 | 160 | 145 | 140 | 155 | 150 | 160 | 160 | 155 | 175 | 200 | 220 | 205 | 210 | 195 | 220 | 210 | 255 | 285 | 250 | 175 | 140 | 120 | 135 | 135 | 8 | |
| 5 | 140 | 100 | 105 | 110 | 95 | 105 | 110 | 210 | 250 | 285 | 265 | 255 | 265 | 270 | 275 | 295 | 280 | 335 | 310 | 350 | 10 | 255 | 325 | 225 | 13 | |
| 6 | 245 | 245 | 215 | 135 | 130 | 175 | 290 | 350 | 10 | 250 | 260 | 260 | 180 | 300 | 80 | 65 | 55 | 335 | 40 | 125 | 120 | 135 | 155 | 140 | 7 | |
| 7 | 105 | 125 | 120 | 110 | 110 | 120 | 95 | 85 | 10 | 10 | 10 | 5 | 15 | 15 | 20 | 345 | 300 | 290 | 255 | 235 | 120 | 110 | 105 | 120 | 6 | |
| 8 | 110 | 260 | 200 | 125 | 95 | 80 | 125 | 60 | 70 | 120 | 125 | 140 | 165 | 240 | 235 | 160 | 215 | 130 | 130 | 120 | 80 | 160 | 130 | 350 | 7 | |
| 9 | 125 | 135 | 150 | 135 | 165 | 105 | 75 | 90 | 35 | 300 | 225 | 240 | 280 | 280 | 270 | 285 | 250 | 265 | 150 | 130 | 130 | 130 | 130 | 130 | 7 | |
| 10 | 110 | 105 | 120 | 130 | 125 | 105 | 100 | 75 | 260 | 30 | 240 | 240 | 240 | 190 | 140 | 190 | 175 | 205 | 245 | 130 | 135 | 140 | 135 | 155 | 7 | |
| 11 | 120 | 125 | 105 | 100 | 90 | 105 | 35 | 335 | 260 | 270 | 245 | 235 | 255 | 210 | 245 | 245 | 255 | 255 | 255 | 255 | 250 | 270 | 255 | 230 | 12 | |
| 12 | 350 | 105 | 110 | 105 | 120 | 130 | 90 | 75 | 330 | 290 | 320 | 315 | 330 | 335 | 335 | 350 | 350 | 315 | 335 | 310 | 95 | 120 | 120 | 140 | 16 | |
| 13 | 130 | 125 | 115 | 120 | 110 | 105 | 110 | 75 | 65 | 225 | 200 | 295 | 265 | 270 | 300 | 295 | 160 | 240 | 155 | 145 | 115 | 125 | 120 | 120 | 6 | |
| 14 | 115 | 115 | 110 | 90 | 70 | 90 | 70 | 25 | 320 | 260 | 265 | 255 | 275 | 255 | 290 | 170 | 210 | 210 | 175 | 125 | 125 | 130 | 120 | 145 | 6 | |
| 15 | 235 | 270 | 310 | 325 | 40 | 45 | 55 | 50 | 30 | 30 | 35 | 40 | 30 | 45 | 45 | 50 | 45 | 45 | 40 | 40 | 40 | 45 | 50 | 50 | [VA] | |
| 16 | 60 | 35 | 45 | 15 | 110 | 85 | 65 | 50 | 25 | 15 | 350 | 335 | 340 | 285 | 330 | 220 | 210 | 255 | 70 | 340 | 110 | 115 | 120 | 115 | 6 | |
| 17 | 115 | 115 | 105 | 100 | 85 | 100 | 100 | 50 | 325 | 315 | 270 | 255 | 290 | 300 | 315 | 250 | 210 | 285 | 295 | 75 | 105 | 125 | 130 | 45 | 6 | |
| 18 | 85 | 90 | 95 | 115 | 115 | 110 | 65 | 75 | 310 | 300 | 305 | 320 | 275 | 205 | 200 | 180 | 210 | 190 | 190 | 205 | 240 | 220 | 120 | 115 | [VA] | |
| 19 | 160 | 110 | 125 | 140 | 145 | 140 | 115 | 60 | 220 | 265 | 275 | 115 | 210 | 155 | 55 | 160 | 145 | 125 | 115 | 135 | 110 | 115 | 140 | 210 | 7 | |
| 20 | 330 | 260 | 140 | 155 | 130 | 130 | 210 | 150 | 240 | 175 | 100 | 150 | 150 | 130 | 140 | 120 | 125 | 140 | 105 | 105 | 115 | 125 | 130 | 125 | 7 | |
| 21 | 135 | 115 | 105 | 115 | 110 | 85 | 65 | 30 | 110 | 100 | 155 | 150 | 125 | 125 | 115 | 285 | 300 | 205 | 245 | 280 | 280 | 240 | 220 | 115 | [VA] | |
| 22 | 180 | 85 | 105 | 110 | 125 | 125 | 120 | 135 | 335 | 0 | 260 | 285 | 290 | 110 | 155 | 140 | 180 | 170 | 140 | 120 | 55 | 100 | 130 | 130 | 6 | |
| 23 | 115 | 115 | 120 | 145 | 135 | 205 | 135 | 145 | 250 | 285 | 225 | 5 | 305 | 240 | 240 | 165 | 10 | 345 | 25 | 70 | 80 | 120 | 240 | 335 | 7 | |
| 24 | 70 | 95 | 345 | 345 | 30 | 105 | 40 | 240 | 250 | 275 | 255 | 230 | 180 | 230 | 130 | 65 | 195 | 80 | 355 | 100 | 90 | 110 | 115 | 125 | 5 | |
| 25 | 85 | 125 | 130 | 110 | 125 | 125 | 95 | 75 | 100 | 250 | 315 | 260 | 270 | 205 | 205 | 315 | 275 | 70 | 75 | 125 | 120 | 110 | 115 | 115 | 6 | |
| 26 | 110 | 115 | 115 | 120 | 115 | 125 | 95 | 70 | 270 | 235 | 75 | 340 | 310 | 310 | 305 | 240 | 10 | 45 | 275 | 15 | 105 | 120 | 110 | 120 | 6 | |
| 27 | 115 | 100 | 125 | 115 | 110 | 115 | 80 | 40 | 295 | 265 | 265 | 230 | 265 | 275 | 240 | 255 | 255 | 240 | 300 | 35 | 105 | 125 | 115 | 85 | 6 | |
| 28 | 85 | 75 | 45 | 80 | 105 | 100 | 100 | 265 | 35 | 335 | 275 | 5 | 5 | 230 | 175 | 190 | 105 | 205 | 170 | 150 | 130 | 125 | 165 | 130 | 9 | |
| 29 | 120 | 110 | 125 | 130 | 125 | 125 | 120 | 95 | 275 | 275 | 250 | 230 | 235 | 195 | 150 | 260 | 280 | 290 | 270 | 260 | 250 | 245 | 280 | 230 | 13 | |
| 30 | 130 | 125 | 130 | 140 | 125 | 115 | 110 | 205 | 20 | 355 | 255 | 240 | 235 | 280 | 265 | 5 | 270 | 125 | 95 | 125 | 130 | 120 | 80 | 95 | 7 | |
| 31 | 120 | 95 | 95 | 120 | 115 | 85 | 95 | 330 | 300 | 285 | 250 | 250 | 255 | 160 | 140 | 175 | 210 | 260 | 250 | 185 | 115 | 115 | 100 | 100 | 6 | |
| PV | 6 | 6 | 6 | 6 | 6 | 6 | 5 | 4 | 13 | 13 | 12 | 12 | 13 | 13 | 12 | 9 | 10 | 14 | 12 | 7 | 6 | 6 | 6 | 6 | 6 | |

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JUNE,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********

**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | PREV | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 80 | 90 | 110 | 100 | 100 | 110 | 100 | 35 | 5 | 290 | 320 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [VA] | |
| 2 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | 250 | 180 | 165 | 140 | 175 | 170 | 150 | 185 | 165 | 125 | 115 | 95 | 8 | |
| 3 | 115 | 120 | 45 | 70 | 75 | 100 | 60 | 25 | 285 | 190 | 160 | 150 | 155 | 190 | 185 | 165 | 175 | 180 | 200 | 200 | 185 | 125 | 320 | 75 | 9 | |
| 4 | 115 | 125 | 140 | 110 | 110 | 110 | 85 | 40 | 315 | 310 | 210 | 150 | 170 | 165 | 175 | 175 | 175 | 190 | 195 | 205 | 185 | 130 | 140 | 90 | 9 | |
| 5 | 150 | 115 | 120 | 100 | 115 | 110 | 70 | 355 | 305 | 305 | 295 | 320 | 115 | 145 | 125 | 145 | 160 | 155 | 145 | 135 | 130 | 115 | 110 | 120 | 7 | |
| 6 | 125 | 95 | 95 | 75 | 50 | 35 | 60 | [VA] | 260 | 145 | 160 | 150 | 170 | 175 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | 8 | |
| 7 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | 200 | 185 | 190 | 155 | 115 | 135 | 130 | 130 | 130 | 125 | 7 | |
| 8 | 105 | 90 | 55 | 85 | 115 | 100 | 70 | 310 | 155 | 145 | 165 | 150 | 155 | 165 | 185 | 220 | 175 | 175 | 215 | 235 | 200 | 150 | 135 | 130 | 6 | |
| 9 | 130 | 140 | 135 | 115 | 110 | 110 | 75 | 5 | 335 | 255 | 255 | 165 | 165 | 180 | 170 | 165 | 175 | 185 | 185 | 180 | 165 | 130 | 135 | 105 | 7 | |
| 10 | 100 | 95 | 90 | 85 | 30 | 105 | 135 | 145 | 150 | 135 | 145 | 140 | 135 | 150 | 150 | 160 | 160 | 155 | 170 | 185 | 240 | 265 | 270 | 280 | 8 | |
| 11 | 105 | 135 | 125 | 130 | 135 | 150 | 215 | 255 | 210 | 170 | 170 | 180 | 195 | 255 | 220 | 210 | 215 | 260 | 265 | 255 | 175 | 140 | 140 | 150 | [VA] | |
| 12 | 190 | 170 | 140 | 120 | 130 | 135 | 135 | 225 | 260 | 230 | 250 | 250 | 250 | 250 | 235 | 230 | 220 | 215 | 235 | 240 | 200 | 205 | 250 | 85 | 11 | |
| 13 | 120 | 130 | 175 | 170 | 155 | 130 | 140 | 95 | 350 | 30 | 255 | 245 | 270 | 275 | 290 | 300 | 280 | 255 | 285 | 255 | 75 | 125 | 70 | 50 | 12 | |
| 14 | 70 | 110 | 140 | 135 | 145 | 140 | 140 | 215 | 215 | 245 | 245 | 215 | 255 | 260 | 295 | 295 | 225 | 315 | 15 | 0 | 10 | 15 | 225 | 130 | 11 | |
| 15 | 120 | 115 | 125 | 125 | 125 | 105 | 105 | 10 | 295 | 195 | 305 | 100 | 305 | 300 | 315 | 285 | 265 | 265 | 10 | 130 | 130 | 125 | 70 | 75 | 6 | |
| 16 | 80 | 95 | 330 | 40 | 60 | 60 | 95 | 75 | 225 | 225 | 250 | 195 | 270 | 275 | 285 | 285 | 285 | 255 | 240 | 260 | 265 | 305 | 100 | 150 | 13 | |
| 17 | 145 | 110 | 100 | 115 | 125 | 135 | 145 | 310 | 275 | 285 | 325 | 0 | 260 | 295 | 10 | 60 | 265 | 105 | 145 | 145 | 110 | 75 | 65 | 100 | 6 | |
| 18 | 115 | 110 | 110 | 115 | 110 | 115 | 70 | 305 | 250 | 250 | 235 | 255 | 265 | 250 | 280 | 270 | [VA] | 340 | 25 | 40 | 40 | 45 | 60 | 65 | 12 | |
| 19 | 95 | 120 | 120 | 125 | 125 | 115 | 90 | 295 | 265 | 270 | 260 | 235 | 255 | 260 | 250 | 270 | 270 | 250 | 60 | 20 | 70 | 115 | 105 | 100 | [VA] | |
| 20 | 95 | 105 | 105 | 110 | 110 | 115 | 110 | 0 | 320 | 345 | 10 | 265 | 230 | 145 | 180 | 170 | 185 | 190 | 170 | 155 | 140 | 145 | 195 | 150 | 6 | |
| 21 | 120 | 105 | 75 | 120 | 115 | 110 | 60 | 5 | 275 | 260 | 230 | 225 | 220 | 215 | 225 | 215 | 205 | 195 | 165 | 160 | 140 | 130 | 145 | 160 | [VA] | |
| 22 | 135 | 135 | 150 | 140 | 150 | 130 | 120 | 110 | 115 | 125 | [VA] | 70 | 330 | 80 | 220 | 310 | 300 | 250 | 55 | 125 | 125 | 105 | 65 | 95 | [VA] | |
| 23 | 125 | 125 | 160 | 140 | 125 | 130 | 135 | 220 | 230 | 245 | 235 | 225 | 225 | 235 | 265 | 250 | 255 | 255 | 255 | 260 | 270 | 320 | 65 | 100 | 11 | |
| 24 | 120 | 120 | 120 | 120 | 110 | 110 | 115 | 80 | 265 | 240 | 255 | 250 | 235 | 235 | 215 | 275 | 230 | 255 | 260 | 260 | 255 | 240 | 225 | 120 | 12 | |
| 25 | 150 | 95 | 115 | 95 | 110 | 100 | 80 | 30 | 260 | 260 | 255 | 205 | 215 | 200 | 225 | 240 | 205 | 225 | 235 | 235 | 225 | 175 | 105 | 35 | [VA] | |
| 26 | 120 | 125 | 135 | 130 | 100 | 95 | 100 | 5 | 0 | 220 | 20 | 25 | 30 | 315 | 240 | 275 | 260 | 310 | 315 | 300 | 5 | 115 | 130 | 135 | 7 | |
| 27 | 115 | 95 | 90 | 115 | 115 | 110 | 75 | 30 | 280 | 280 | 280 | 255 | 255 | 270 | 255 | 225 | 245 | 265 | 285 | 285 | 310 | 110 | 120 | 120 | 13 | |
| 28 | 115 | [VA] | 105 | 115 | 120 | 130 | 90 | 275 | 245 | 230 | 295 | 265 | 235 | 265 | 305 | 245 | 330 | 315 | 10 | 30 | 120 | 125 | 125 | 110 | 6 | |
| 29 | 140 | 120 | 115 | 120 | 115 | 110 | 95 | 70 | 5 | 270 | 270 | 285 | 285 | 230 | 195 | 175 | 265 | 325 | 70 | 100 | 120 | 120 | 130 | 135 | 6 | |
| 30 | 125 | 140 | 130 | 10 | 80 | 95 | 65 | 335 | 225 | 205 | 180 | 160 | 145 | 160 | 130 | 155 | 170 | 245 | 325 | 120 | 150 | 110 | 265 | 190 | 8 | |
| 31 | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | |
| PV | 6 | 6 | 6 | 6 | 6 | 6 | 5 | 1 | 13 | 12 | 12 | 12 | 12 | 13 | 11 | 13 | 9 | 12 | [VA] | [VA] | 7 | 7 | 7 | 5 | 6 | |

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JULY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | PREV | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 235 | 170 | 170 | (VA) | 110 | 130 | 165 | 175 | 240 | 200 | 250 | 260 | 70 | 75 | 70 | 85 | 140 | 175 | 175 | 175 | 130 | 125 | 150 | 105 | 9 | |
| 2 | 110 | 80 | 50 | 55 | 90 | 120 | 145 | 115 | 240 | 275 | 245 | 255 | 265 | 245 | 235 | 240 | 230 | 215 | 215 | 230 | 255 | 270 | 5 | 115 | 12 | |
| 3 | 75 | 60 | 80 | 125 | 115 | 135 | 115 | 235 | 250 | 325 | 300 | 250 | 315 | 275 | 295 | 275 | 270 | 30 | 15 | 355 | 90 | 130 | 110 | 120 | 6 | |
| 4 | 120 | 115 | 110 | 110 | 90 | 115 | 105 | 55 | 330 | 295 | 245 | 285 | 270 | 255 | 255 | 255 | 225 | 210 | 230 | 205 | 115 | 130 | 130 | 110 | 6 | |
| 5 | 130 | 110 | 115 | 105 | 100 | 110 | 85 | 300 | 270 | 265 | 240 | 265 | 280 | 260 | 260 | 260 | 320 | 355 | 320 | 325 | 80 | 120 | 115 | 110 | 6 | |
| 6 | 100 | 115 | 130 | 145 | 125 | 110 | 95 | (VA) | 335 | 255 | 235 | (VA) | 275 | 310 | 200 | 95 | (VA) | 250 | 275 | 255 | 235 | 130 | 115 | 135 | 7 | |
| 7 | 115 | 130 | 135 | 90 | 95 | 100 | 85 | 85 | 345 | 270 | 245 | 155 | 130 | 120 | 130 | 105 | 100 | 145 | 145 | 120 | 130 | 130 | 125 | 125 | 7 | |
| 8 | 130 | (VA) | 345 | 80 | 105 | 110 | 100 | 45 | 285 | 270 | 275 | 250 | 255 | 235 | 215 | 220 | 180 | 255 | 280 | 130 | 130 | 135 | 135 | 140 | 7 | |
| 9 | 85 | 135 | 135 | 135 | 105 | 90 | 45 | 60 | 200 | 220 | 250 | 260 | 250 | 285 | 165 | 150 | (VA) | 165 | 95 | 120 | 135 | 135 | 165 | 140 | 7 | |
| 10 | 130 | 130 | 115 | 230 | 100 | 115 | 120 | 75 | 325 | 270 | 240 | 240 | 240 | 250 | 195 | 135 | 115 | 155 | 270 | 5 | 70 | 90 | 130 | 170 | 7 | |
| 11 | 85 | 115 | 115 | 120 | 125 | 110 | 80 | 35 | 270 | 260 | 285 | 240 | 260 | 270 | 285 | 205 | 205 | 185 | 255 | 235 | 125 | 130 | 145 | 130 | 7 | |
| 12 | 140 | 135 | 130 | 130 | 90 | 215 | 95 | 135 | 200 | 260 | 245 | 285 | 260 | 295 | 100 | 130 | 120 | 125 | 130 | 305 | 340 | (VA) | 115 | (VA) | 7 | |
| 13 | 60 | 100 | 125 | 110 | 125 | 120 | 180 | 230 | 255 | 270 | 290 | 270 | 245 | 270 | 255 | 260 | 290 | 245 | 280 | 340 | 65 | 125 | 160 | 110 | 13 | |
| 14 | 145 | 125 | 130 | 135 | 130 | 130 | 125 | 260 | 275 | 285 | 20 | 0 | 305 | 235 | 250 | 235 | 255 | 260 | 270 | 270 | 145 | 125 | 135 | 140 | 7 | |
| 15 | 145 | 135 | 125 | 125 | 115 | 100 | 105 | (VA) | 275 | 15 | 5 | 40 | 35 | 30 | 315 | 285 | (VA) | (VA) | 355 | 30 | 85 | 110 | 125 | 120 | 6 | |
| 16 | 120 | 120 | 105 | 115 | 120 | 110 | 110 | 105 | 310 | 5 | 325 | 290 | 240 | 245 | 230 | 265 | 295 | 310 | 330 | 355 | 75 | 130 | 145 | 140 | 6 | |
| 17 | 140 | 130 | 75 | 95 | 105 | 115 | 105 | 80 | 220 | 265 | 280 | 255 | 255 | 280 | 30 | 285 | 285 | 290 | 260 | 190 | (VA) | 155 | 100 | 70 | 13 | |
| 18 | 210 | 35 | 130 | 265 | 30 | 20 | 115 | 120 | 60 | 290 | 255 | 280 | 255 | 260 | 260 | 255 | 250 | 250 | 285 | 125 | 115 | (VA) | (VA) | 125 | 13 | |
| 19 | 125 | 145 | 165 | 245 | 300 | 90 | (VA) | 265 | 285 | (VA) | 275 | 270 | 210 | 260 | 200 | 130 | 165 | 145 | 145 | 140 | 135 | 215 | (VA) | 110 | 7 | |
| 20 | 95 | 100 | 110 | 195 | 105 | 130 | 120 | 125 | 320 | (VA) | 255 | 235 | 265 | 330 | 155 | 245 | 230 | 120 | 160 | 140 | 130 | 160 | 115 | 115 | 7 | |
| 21 | 105 | 120 | 115 | 110 | 90 | 100 | 90 | 80 | (VA) | 265 | 250 | 245 | 245 | 220 | 280 | 235 | 295 | 300 | 280 | 290 | 330 | 135 | 110 | 140 | 6 | |
| 22 | 130 | 130 | 115 | 115 | 115 | 115 | 95 | 65 | 340 | 240 | 305 | (VA) | 345 | 55 | 30 | 310 | 25 | 10 | 325 | 320 | 60 | 110 | 125 | 130 | 6 | |
| 23 | 125 | 115 | 105 | 105 | 90 | 90 | 105 | 45 | (VA) | 290 | (PF) | (PF) | 295 | 265 | 25 | 350 | 310 | 340 | 15 | 40 | 75 | 115 | 130 | 60 | 6 | |
| 24 | 115 | 55 | 30 | 65 | 105 | 110 | 90 | 335 | 15 | 350 | 330 | 310 | 275 | 270 | 275 | 285 | 155 | 140 | 145 | 145 | 130 | 180 | 155 | 130 | 7 | |
| 25 | 155 | 135 | 145 | 95 | 135 | 150 | 140 | 145 | 190 | 240 | 250 | 30 | 60 | 135 | 70 | 110 | 225 | 240 | 105 | 10 | 70 | 135 | 90 | 125 | 7 | |
| 26 | 130 | 95 | 125 | 115 | 110 | 110 | 85 | 90 | 105 | 155 | 225 | 215 | 235 | 245 | 245 | 140 | 135 | 125 | 130 | 130 | 135 | 125 | 170 | 110 | 6 | |
| 27 | 145 | 135 | 115 | 130 | 100 | 70 | 105 | 295 | 240 | 230 | (VA) | 240 | 265 | 315 | 290 | 290 | 265 | 295 | 295 | 250 | 110 | 125 | 135 | 105 | 7 | |
| 28 | 125 | 130 | 120 | 130 | 115 | 100 | 85 | 85 | (VA) | 320 | (VA) | 220 | 235 | 250 | 280 | 310 | 315 | 320 | 290 | 275 | 155 | 130 | 125 | 105 | 7 | |
| 29 | 115 | 130 | 110 | 110 | 105 | 110 | 115 | 60 | 330 | 295 | 255 | 265 | 285 | (VA) | 60 | 280 | 295 | 310 | 345 | 25 | 55 | 60 | 60 | 50 | 6 | |
| 30 | 325 | 355 | 80 | 210 | 95 | 125 | 135 | 240 | 245 | 315 | 295 | 305 | 250 | 275 | 280 | 270 | 285 | 300 | 270 | 235 | 100 | 50 | 50 | 60 | 13 | |
| 31 | 70 | (VA) | 255 | 245 | 290 | 70 | 125 | 265 | 285 | 270 | 270 | 280 | 305 | 270 | 295 | 255 | 285 | 245 | 230 | 190 | 185 | (VA) | 45 | 50 | 13 | |
| PV | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 4 | 12 | (VA) | 12 | (VA) | (VA) | 12 | 13 | 13 | 14 | (VA) | 13 | 7 | 7 | 7 | 7 | (VA) | 6 | |

WIND DIRECTION @ 20M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MAY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 24/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | PREV | PAX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 160 | 155 | 155 | 155 | 150 | 155 | 145 | 70 | 300 | 280 | 290 | 275 | 305 | 285 | 280 | 270 | 265 | 295 | 230 | 150 | 150 | 135 | 135 | 155 | 8 | |
| 2 | 160 | 165 | 155 | 155 | 145 | 130 | 100 | 70 | 20 | 305 | 285 | 290 | 270 | 280 | 265 | 100 | 0 | 50 | 135 | 160 | 155 | 160 | 145 | 155 | [VA] | |
| 3 | 135 | 125 | 110 | 145 | 140 | 125 | 100 | 350 | 300 | 320 | 315 | 300 | 170 | 235 | 200 | 230 | 205 | 210 | 210 | 180 | 160 | 210 | 230 | 235 | 10 | |
| 4 | 195 | 175 | 170 | 185 | 190 | 190 | 185 | 200 | 230 | 245 | 235 | 255 | 220 | 250 | 240 | 285 | 320 | 280 | 205 | 175 | 155 | 165 | 165 | 170 | 9 | |
| 5 | 175 | 140 | 140 | 145 | 135 | 140 | 155 | 235 | 275 | 315 | 305 | 280 | 295 | 305 | 310 | 330 | 290 | 350 | 340 | 15 | 40 | 300 | 355 | 260 | 15 | |
| 6 | 275 | 275 | 245 | 170 | 160 | 190 | 315 | 15 | 40 | 280 | 295 | 290 | 210 | 330 | 120 | 95 | 80 | 355 | 70 | 155 | 165 | 170 | 175 | 175 | 9 | |
| 7 | 150 | 160 | 160 | 145 | 145 | 150 | 130 | 115 | 45 | 35 | 40 | [VA] | 45 | 45 | 50 | 15 | 330 | 330 | 285 | [VA] | 150 | 145 | 150 | 155 | 8 | |
| 8 | 175 | 280 | 225 | 160 | 130 | 125 | 155 | 90 | 100 | 145 | 160 | 170 | 195 | 260 | 270 | 190 | 240 | 160 | 160 | 150 | 105 | 190 | 160 | 5 | 8 | |
| 9 | 165 | 170 | 175 | 165 | 180 | 145 | 90 | 120 | 75 | 335 | 255 | 270 | 305 | 310 | 300 | 315 | 280 | 295 | 190 | 155 | 150 | 155 | 160 | 160 | 8 | |
| 10 | 145 | 145 | 155 | 160 | 160 | 140 | 135 | 140 | 285 | [VA] | 265 | 270 | 270 | 220 | 170 | 220 | 230 | 235 | 275 | 135 | 170 | 170 | 165 | 185 | 9 | |
| 11 | 160 | 160 | 140 | 145 | 170 | 140 | 65 | 0 | 290 | 300 | 280 | 260 | 285 | 240 | 275 | 275 | 285 | 235 | 280 | 285 | 280 | 300 | 285 | 260 | 15 | |
| 12 | [VA] | 145 | 150 | 140 | 150 | 160 | 150 | [VA] | [VA] | 325 | 335 | [MT] | 350 | 5 | 10 | 25 | 25 | 345 | 5 | 340 | [VA] | 160 | 155 | 175 | [VA] | |
| 13 | 165 | 160 | 150 | 155 | 145 | 140 | 145 | 110 | 115 | 235 | 310 | 320 | 315 | 295 | 330 | 320 | 225 | 270 | 185 | 180 | 155 | 170 | 155 | 155 | 8 | |
| 14 | 155 | 150 | 145 | 130 | 110 | 135 | 110 | 60 | 315 | 300 | 290 | 290 | 305 | 305 | 320 | 195 | 240 | 240 | 205 | 155 | 155 | 160 | 155 | 175 | 8 | |
| 15 | 260 | 305 | 345 | 0 | 70 | 75 | 80 | 75 | 55 | 60 | 60 | 65 | 55 | 70 | 75 | 75 | 75 | 75 | 65 | 70 | 70 | 75 | 75 | 85 | 4 | |
| 16 | 80 | 65 | 70 | 45 | 140 | 110 | 90 | 75 | 50 | 25 | 35 | 5 | [VA] | 300 | 325 | 250 | 295 | 275 | 50 | 10 | 185 | 150 | 155 | 150 | 5 | |
| 17 | 150 | 150 | 145 | 140 | 130 | 145 | 140 | 85 | 10 | 345 | 305 | 280 | 315 | 325 | 5 | 275 | 210 | 315 | [VA] | 105 | 145 | 150 | 165 | [VA] | 7 | |
| 18 | 125 | 140 | 145 | 145 | 150 | 150 | 120 | 95 | [VA] | 330 | 340 | 320 | 225 | 230 | 230 | 205 | 235 | 215 | 210 | 235 | 270 | 260 | 160 | 150 | [VA] | |
| 19 | 185 | 145 | 155 | 185 | 170 | 185 | 160 | 135 | 250 | 295 | 310 | 110 | 240 | 185 | 100 | 190 | 170 | 195 | 155 | 165 | 140 | 145 | 150 | 225 | 8 | |
| 20 | 20 | 305 | 165 | 190 | 160 | 160 | 160 | 180 | 270 | 230 | 130 | 175 | 160 | 160 | 170 | 150 | 155 | 170 | 165 | 135 | 150 | 160 | 165 | 165 | 8 | |
| 21 | 170 | 180 | 145 | 150 | 155 | 115 | 90 | [VA] | 140 | 195 | 180 | 180 | 155 | 155 | 160 | 325 | 335 | 75 | [VA] | [VA] | 195 | 270 | 250 | 145 | 8 | |
| 22 | 190 | 120 | 175 | 155 | 160 | 155 | 155 | [VA] | 0 | 345 | 290 | 315 | [VA] | [VA] | 185 | 170 | 210 | 195 | 170 | 180 | 90 | 120 | 165 | 165 | 9 | |
| 23 | 150 | 155 | 165 | 150 | 170 | 230 | 150 | 175 | 280 | 310 | 260 | 30 | 335 | 270 | 255 | 195 | 40 | 15 | 55 | 95 | 120 | 155 | 260 | 0 | 8 | |
| 24 | 95 | 130 | [VA] | 45 | 55 | 130 | 50 | 275 | 255 | 310 | 280 | 265 | 210 | 275 | 160 | 95 | 240 | 110 | 50 | 130 | [VA] | 145 | 150 | 160 | 7 | |
| 25 | 125 | 135 | 160 | 155 | 160 | 160 | 135 | 100 | 110 | 280 | 345 | 290 | 305 | 235 | 235 | 355 | 340 | 55 | 110 | 160 | 155 | 145 | 145 | 135 | 7 | |
| 26 | 155 | 155 | 155 | 155 | 150 | 155 | 135 | 125 | 300 | 265 | 100 | [VA] | 335 | 350 | 340 | 300 | 65 | 75 | 310 | 85 | 125 | 160 | 145 | 150 | [VA] | |
| 27 | 150 | 135 | 160 | 155 | 145 | 155 | 120 | 65 | 320 | 300 | 300 | 275 | 295 | 305 | 270 | 290 | 285 | 270 | 350 | 55 | 145 | 165 | 150 | 150 | [VA] | |
| 28 | 130 | 120 | 75 | 90 | 135 | 140 | 130 | 120 | 65 | 355 | 310 | 55 | [VA] | 260 | 205 | 215 | 215 | 230 | 195 | 180 | 160 | 160 | 195 | 150 | 7 | |
| 29 | 155 | 150 | 165 | 165 | 160 | 170 | 160 | [CA] | 275 | 305 | 280 | 265 | 235 | [VA] | 165 | 285 | 310 | 320 | 305 | 290 | 285 | 275 | 310 | 265 | [VA] | |
| 30 | 155 | 160 | 165 | 175 | 160 | 155 | 150 | 240 | 60 | 25 | 285 | 270 | 265 | 295 | 295 | 50 | [VA] | [VA] | 130 | 155 | 160 | 155 | 120 | [VA] | 8 | |
| 31 | 155 | 130 | 150 | 155 | 155 | 135 | 135 | 350 | 335 | 320 | 315 | 280 | 275 | 190 | 170 | 200 | 240 | 290 | 280 | 225 | 150 | 155 | 145 | 140 | 8 | |
| PV | 8 | 8 | 8 | 8 | 8 | 8 | 7 | 6 | [VA] | 15 | 14 | 14 | 15 | 13 | [VA] | [VA] | 12 | 14 | 10 | 8 | 7 | 8 | [VA] | 8 | 8 | |

WIND DIRECTION @ 20M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JUNE,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 24/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DAY | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | PREV | PEK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 105 | 120 | 150 | 145 | 125 | 130 | 145 | 65 | 30 | 320 | 315 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | 7 | |
| 2 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | 280 | 200 | 190 | 170 | 205 | 195 | 180 | 215 | 195 | 155 | 155 | 155 | 9 | |
| 3 | 160 | 155 | 85 | 85 | 90 | 120 | [VA] | 45 | 310 | 215 | 185 | 180 | 185 | 220 | 215 | 195 | 200 | 210 | 230 | 230 | 215 | 155 | 145 | 135 | 10 | |
| 4 | 155 | 170 | 180 | 155 | 150 | 150 | 125 | 55 | 355 | 350 | 240 | 180 | 200 | 195 | 205 | 205 | 200 | 220 | 225 | 235 | 215 | 160 | 165 | 145 | 10 | |
| 5 | 180 | 155 | 155 | 135 | 150 | 150 | 115 | 15 | 340 | 335 | 325 | [VA] | 150 | 175 | 155 | 175 | 185 | 185 | 175 | 165 | 160 | 155 | 150 | 160 | 8 | |
| 6 | 160 | 135 | 130 | 115 | 80 | 55 | 55 | [VA] | 280 | 170 | 190 | 180 | 200 | 200 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | 9 | |
| 7 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | 225 | 210 | 215 | 185 | 145 | 170 | 160 | 160 | 165 | 160 | 8 | |
| 8 | 145 | 135 | 95 | 105 | 145 | 155 | 110 | 355 | 185 | 175 | 195 | 175 | 180 | 180 | 200 | 225 | 165 | 190 | 215 | 245 | 215 | 165 | 170 | 170 | 9 | |
| 9 | 165 | 155 | 160 | 145 | 130 | 130 | 110 | 15 | 355 | 280 | 270 | 175 | 180 | 205 | 195 | 195 | 200 | 215 | 215 | 210 | 195 | 160 | 165 | 150 | 8 | |
| 10 | 140 | 130 | 125 | 130 | 205 | 160 | 165 | 170 | 175 | 165 | 170 | 165 | 180 | 180 | 190 | 185 | 195 | 210 | 270 | 295 | 295 | 305 | [IM] | [IM] | 8 | |
| 11 | [VA] | 170 | 160 | 160 | 170 | 180 | 235 | 280 | 235 | 200 | 195 | 210 | 225 | 285 | 250 | 240 | 240 | 290 | 295 | 285 | 205 | 170 | 170 | 180 | 9 | |
| 12 | 225 | 205 | 180 | 155 | 165 | 165 | 165 | 250 | 280 | 260 | 280 | 285 | 280 | 275 | 260 | 260 | 250 | 245 | 265 | 270 | 230 | 235 | 225 | 130 | 13 | |
| 13 | 150 | 160 | 210 | 220 | 200 | 165 | 170 | 130 | 15 | 60 | 285 | 275 | 300 | 305 | 320 | 335 | 315 | 290 | 320 | 285 | 110 | 155 | 95 | 75 | [VA] | |
| 14 | 100 | 135 | 170 | 165 | 170 | 170 | 170 | 240 | 245 | 270 | 275 | 250 | 280 | 285 | 310 | 265 | 260 | 345 | 45 | 30 | 40 | 45 | 300 | 165 | 13 | |
| 15 | 155 | 155 | 160 | 160 | 160 | 145 | 140 | [VA] | 330 | 230 | 315 | 145 | 330 | 325 | 330 | 320 | 290 | 305 | 60 | 160 | 160 | 155 | 100 | 105 | 8 | |
| 16 | 120 | 130 | 355 | 50 | 80 | 70 | 110 | 140 | 240 | 255 | 240 | 225 | 305 | 310 | 315 | 315 | 300 | 290 | 270 | 290 | 295 | 335 | 145 | 95 | 14 | |
| 17 | 130 | 145 | 145 | 155 | 155 | 165 | 170 | 355 | 305 | 320 | 355 | 35 | 290 | 325 | 40 | 85 | 295 | 135 | 175 | 175 | 140 | 95 | 95 | 130 | 7 | |
| 18 | 150 | 150 | 150 | 150 | 145 | 155 | 120 | 325 | 285 | 280 | 265 | 285 | 295 | 275 | 310 | 305 | 275 | 10 | 55 | 70 | 70 | 70 | 85 | 90 | 13 | |
| 19 | 140 | 150 | 160 | 160 | 165 | 155 | 105 | 275 | 305 | 305 | 285 | 255 | 285 | 290 | 285 | 295 | 295 | 315 | 80 | 50 | 105 | 150 | 135 | 135 | 14 | |
| 20 | 120 | 120 | 145 | 145 | 155 | 155 | 155 | [VA] | 350 | 20 | 45 | 275 | 260 | 175 | 210 | 200 | 215 | 215 | 195 | 185 | 170 | 175 | 225 | 180 | 9 | |
| 21 | 150 | 135 | 105 | 160 | 160 | 155 | 95 | 20 | 310 | 290 | 255 | 255 | 250 | 240 | 250 | 245 | 230 | 225 | 195 | 185 | 170 | 165 | 175 | 135 | 8 | |
| 22 | 170 | 165 | 180 | 165 | 180 | 160 | 150 | 155 | 145 | 155 | 40 | 300 | 5 | 115 | 240 | 340 | 335 | 280 | 85 | 165 | 155 | 140 | 95 | 120 | 8 | |
| 23 | 155 | 155 | 200 | 170 | 155 | 160 | 165 | 255 | 260 | 275 | 265 | 255 | 255 | 260 | 300 | 275 | 285 | 280 | 285 | 285 | 300 | 350 | 75 | 100 | 13 | |
| 24 | 160 | 160 | 160 | 160 | 155 | 150 | 145 | 170 | 290 | 280 | 280 | 255 | 265 | 245 | 230 | 240 | 265 | 295 | 285 | 285 | 270 | 255 | 150 | 5 | [VA] | |
| 25 | 165 | 175 | 165 | 140 | 150 | 140 | 115 | 65 | 290 | 295 | 285 | 235 | 245 | 230 | 255 | 230 | 235 | 255 | 265 | 250 | 250 | 205 | 145 | [VA] | [VA] | |
| 26 | 165 | 160 | 175 | 175 | 245 | 125 | 140 | 345 | 35 | [VA] | 35 | 65 | 55 | 345 | 270 | 305 | 290 | 340 | 345 | 330 | 25 | 160 | 165 | 165 | 8 | |
| 27 | 155 | 135 | 130 | 150 | 155 | 145 | 110 | 40 | 305 | 315 | 315 | 285 | 290 | 300 | 285 | 255 | 275 | 295 | 315 | 320 | 320 | 155 | 160 | 155 | 15 | |
| 28 | 150 | 150 | 150 | 155 | 160 | 170 | 135 | 320 | 275 | 270 | 325 | 300 | 265 | 280 | 300 | 300 | 0 | 315 | 40 | 60 | 155 | 160 | 155 | 145 | 8 | |
| 29 | 180 | 160 | 160 | 165 | 160 | 150 | 140 | 105 | 10 | 300 | 310 | 310 | 320 | 260 | 220 | 205 | 295 | 0 | 105 | 130 | 150 | 150 | 160 | 165 | 8 | |
| 30 | 155 | 170 | 165 | 45 | 125 | 120 | 60 | 325 | 250 | 235 | 205 | 190 | 175 | 190 | 160 | 165 | 200 | 265 | 335 | 150 | 180 | 155 | 235 | 215 | 9 | |
| 31 | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | |
| PV | [VA] | 8 | 8 | [VA] | 8 | 8 | 7 | 12 | [VA] | 13 | 13 | [VA] | 13 | 13 | 12 | 10 | [VA] | 14 | 13 | 9 | 8 | [VA] | 8 | 8 | 8 | |

WIND DIRECTION @ 20M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JULY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 24/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | PREV | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 235 | 170 | 180 | 175 | 130 | 160 | 190 | 215 | 260 | 200 | 280 | 300 | 160 | 105 | 105 | 115 | 135 | 165 | 200 | 205 | 160 | 160 | 155 | 180 | 9 | |
| 2 | 150 | 120 | 75 | 80 | 115 | 150 | 165 | 140 | 280 | 295 | 270 | 285 | 295 | 275 | 265 | 255 | 260 | 245 | 245 | 265 | 290 | 300 | 5 | 120 | 13 | |
| 3 | 105 | 90 | 105 | 150 | 160 | 180 | 150 | 290 | 280 | 0 | 290 | 285 | 335 | 305 | 330 | 305 | 305 | 60 | 45 | 30 | 135 | 165 | 155 | 155 | [VA] | |
| 4 | 155 | 150 | 150 | 145 | 135 | 150 | 145 | 90 | 0 | 320 | 275 | 315 | 315 | 290 | 290 | 285 | 255 | 240 | 260 | 240 | 150 | 160 | 165 | 140 | [VA] | |
| 5 | 160 | 150 | 150 | 145 | 140 | 145 | 125 | [VA] | 300 | 295 | 275 | 295 | 290 | 290 | 290 | 270 | 350 | 20 | 350 | 355 | 95 | 160 | 155 | 165 | 8 | |
| 6 | 145 | 155 | 165 | 170 | 165 | 150 | 130 | [VA] | 0 | 265 | 260 | [VA] | 305 | 330 | 220 | 115 | 130 | 280 | 300 | 285 | 270 | 170 | 155 | 170 | 8 | |
| 7 | 155 | 165 | 165 | 120 | 125 | 140 | 130 | 120 | 10 | 300 | 275 | 165 | 160 | 150 | 160 | 135 | 150 | 175 | 175 | 150 | 160 | 160 | 155 | 155 | 8 | |
| 8 | 160 | 170 | [VA] | 85 | 150 | 150 | 140 | 125 | 320 | 305 | 300 | 280 | 285 | 265 | 235 | 245 | 210 | 285 | 305 | 160 | 165 | 165 | 165 | 175 | 8 | |
| 9 | 135 | 180 | 165 | 170 | 155 | 140 | 75 | 80 | 235 | 255 | 280 | 285 | 290 | 315 | 195 | 190 | 190 | 180 | 125 | 150 | 165 | 165 | 185 | 175 | 8 | |
| 10 | 160 | 160 | 160 | [VA] | 135 | 155 | 155 | 100 | 0 | 300 | 270 | 265 | 275 | 265 | 225 | 165 | 150 | 185 | 300 | 35 | 95 | 120 | 160 | 195 | 8 | |
| 11 | [VA] | 160 | 155 | 160 | 155 | 145 | 125 | [VA] | 295 | 300 | 315 | 265 | 285 | 300 | 315 | 230 | 235 | 215 | 280 | 265 | 155 | 165 | 175 | 165 | 8 | |
| 12 | 170 | 165 | 165 | 155 | 150 | 245 | 130 | 165 | 230 | 290 | 270 | 315 | 290 | 330 | 130 | 160 | 150 | 155 | 160 | 325 | 10 | 10 | 140 | 30 | 8 | |
| 13 | 110 | 115 | 160 | 145 | 160 | 160 | 205 | 265 | 290 | 310 | 315 | 300 | 260 | 300 | 290 | 290 | 330 | 275 | 315 | 5 | 85 | 165 | 185 | 145 | 14 | |
| 14 | 170 | 160 | 155 | 160 | 155 | 165 | 150 | 285 | 300 | 310 | 40 | 30 | 335 | 265 | 280 | 265 | 285 | 290 | 300 | 305 | 180 | 160 | 170 | 170 | 8 | |
| 15 | 170 | 165 | 160 | 160 | 150 | 140 | 140 | 100 | 305 | 35 | 30 | 65 | 85 | 50 | 350 | 315 | [VA] | 175 | 25 | 60 | 105 | 135 | 155 | 155 | 8 | |
| 16 | 155 | 155 | 150 | 160 | 155 | 150 | 145 | 135 | 345 | 15 | 350 | 325 | 275 | 280 | 260 | 275 | 315 | 340 | 355 | 20 | 90 | 165 | 180 | 170 | 8 | |
| 17 | 180 | 170 | 135 | 120 | 165 | 150 | 155 | 150 | 230 | 300 | 300 | 265 | 265 | 316 | 60 | 295 | 320 | 325 | 290 | 225 | [VA] | 180 | 130 | 95 | [VA] | |
| 18 | 240 | 65 | 180 | 300 | 50 | 35 | 150 | 145 | 95 | 330 | 280 | 290 | 280 | 290 | 295 | 290 | 280 | 280 | 255 | 155 | 145 | 165 | 180 | 165 | 13 | |
| 19 | 160 | 175 | 195 | 280 | 325 | 105 | [VA] | 295 | 315 | 310 | 300 | 295 | 260 | 280 | 220 | 160 | 190 | 170 | 175 | 170 | 165 | 245 | 185 | 140 | 9 | |
| 20 | 120 | 175 | 145 | 220 | 135 | 165 | 155 | 155 | 335 | [VA] | 245 | 265 | 290 | 340 | 170 | 265 | 260 | 155 | 210 | 170 | 160 | 190 | 150 | 155 | 8 | |
| 21 | 145 | 155 | 150 | 150 | 130 | 140 | 130 | 130 | 310 | 300 | 280 | 275 | 280 | 250 | 310 | 265 | 325 | 330 | 315 | 325 | 355 | 180 | 150 | 170 | 7 | |
| 22 | 165 | 170 | 155 | 155 | 155 | 150 | 135 | 105 | 5 | 270 | 335 | [VA] | 20 | 85 | 125 | 325 | 55 | 40 | 355 | 350 | 65 | 145 | 165 | 160 | [VA] | |
| 23 | 165 | 155 | 145 | 140 | 130 | 135 | 135 | 60 | 320 | 320 | [PF] | [PF] | 325 | [VA] | 70 | 25 | 340 | 10 | 45 | 70 | 100 | 145 | 160 | 95 | 7 | |
| 24 | 125 | 100 | 65 | 90 | 130 | 160 | 125 | 60 | 45 | 20 | 15 | 330 | 305 | 295 | 305 | 315 | 185 | 170 | 175 | 175 | 160 | 210 | 185 | 160 | 9 | |
| 25 | 180 | 175 | 175 | 130 | 135 | 175 | 180 | 165 | 220 | 275 | 280 | 60 | 85 | 165 | 95 | 140 | 255 | 270 | 140 | 35 | 95 | 160 | 120 | 160 | 8 | |
| 26 | 165 | 130 | 150 | 150 | 140 | 145 | 125 | 135 | 135 | 215 | 250 | 230 | 270 | 280 | 280 | 170 | 165 | 170 | 160 | 155 | 165 | 160 | 190 | 145 | 8 | |
| 27 | 175 | 170 | 145 | 170 | 145 | 115 | 150 | 300 | 275 | 260 | 155 | 260 | 295 | 350 | [VA] | 305 | 300 | 325 | 325 | 280 | 145 | 160 | 165 | 145 | 8 | |
| 28 | 160 | 165 | 160 | 165 | 160 | 140 | 130 | 130 | [VA] | 355 | [VA] | 245 | 265 | 280 | 310 | 345 | 345 | 355 | 325 | 310 | 200 | 165 | 160 | 145 | [VA] | |
| 29 | 150 | 165 | 145 | 145 | 145 | 145 | 150 | 95 | 0 | 330 | 285 | 285 | 250 | [VA] | 90 | 310 | 330 | 345 | 15 | 55 | 60 | 85 | 65 | 75 | 7 | |
| 30 | 355 | 25 | 105 | 240 | 125 | 165 | 175 | 265 | 285 | 350 | 325 | 330 | 285 | 310 | 315 | 295 | 320 | 330 | 300 | 265 | 125 | 80 | 80 | 65 | [VA] | |
| 31 | 100 | 205 | 280 | 275 | 315 | 95 | 160 | 300 | 320 | 305 | 305 | 315 | 335 | 305 | 325 | 320 | 320 | 275 | 260 | 220 | 210 | [VA] | 80 | 85 | 15 | |
| PV | 8 | [VA] | 8 | 8 | 7 | [VA] | 8 | 7 | 15 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 15 | 9 | 14 | 8 | 8 | 8 | 8 | 8 | 8 | |

WIND DIRECTION @ 30M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MAY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 24/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | PREV | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 160 | 160 | 165 | 165 | 155 | 165 | 155 | 115 | 305 | 295 | 290 | 285 | 310 | 290 | 290 | 290 | 290 | 305 | 235 | 155 | 160 | 165 | 150 | 165 | 8 | |
| 2 | 175 | 175 | 165 | 165 | 160 | 145 | 115 | 80 | 355 | 320 | 280 | 295 | 280 | 285 | 270 | 105 | 355 | 110 | 150 | 165 | 160 | 170 | 160 | 160 | 8 | |
| 3 | 145 | 135 | 125 | 160 | 150 | 135 | 105 | 15 | 290 | 320 | 310 | 300 | 200 | 235 | 205 | 235 | 210 | 215 | 215 | 190 | 165 | 215 | 235 | 240 | 11 | |
| 4 | 205 | 185 | 180 | 190 | 190 | 195 | 195 | 190 | 205 | 235 | 250 | 240 | 240 | 230 | 255 | 245 | 290 | 330 | 290 | 210 | 190 | 165 | 170 | 170 | 9 | |
| 5 | 180 | 155 | 155 | 160 | 145 | 145 | 165 | 240 | 285 | 315 | 280 | 290 | 305 | 310 | 315 | 335 | 320 | 10 | 350 | 25 | 45 | 270 | 0 | 265 | 15 | |
| 6 | 285 | 285 | 260 | 175 | 170 | 195 | 305 | 30 | 50 | 290 | 305 | 300 | 215 | 340 | 125 | 100 | 85 | [VA] | 75 | 165 | 165 | 175 | 180 | 140 | 9 | |
| 7 | 170 | 165 | 170 | 155 | 155 | 155 | 135 | 120 | 50 | 45 | [VA] | 40 | 50 | 55 | 55 | 20 | 340 | 340 | 295 | 300 | 155 | 155 | 160 | 165 | 8 | |
| 8 | 165 | 245 | 200 | 165 | 140 | 135 | 155 | 100 | 105 | 150 | 165 | 175 | 200 | 275 | 280 | 195 | 250 | 165 | 165 | 155 | 110 | 175 | 170 | [VA] | 9 | |
| 9 | 170 | 175 | 185 | 175 | 185 | 160 | [VA] | 145 | [VA] | 340 | 260 | 280 | 310 | 320 | 315 | 320 | 290 | 305 | 190 | 165 | 170 | 165 | 165 | 165 | 9 | |
| 10 | 155 | 155 | 165 | 170 | 170 | 155 | 145 | 130 | 295 | 70 | 325 | 280 | 280 | 225 | 180 | 230 | 205 | 245 | 285 | 195 | 175 | 180 | 170 | 185 | [VA] | |
| 11 | 170 | 170 | 155 | 165 | 180 | 145 | 60 | 320 | 300 | 310 | 290 | 270 | 290 | 250 | 280 | 285 | 290 | 295 | 290 | 295 | 290 | 310 | 290 | 270 | 14 | |
| 12 | 280 | [RF] | 160 | 145 | 165 | 165 | 145 | 185 | 345 | 335 | 340 | [MT] | 0 | 15 | 20 | 35 | 30 | 355 | 10 | 350 | 170 | 165 | 165 | 175 | [VA] | |
| 13 | 170 | 170 | 160 | 170 | 155 | 150 | 155 | 130 | 80 | 245 | [VA] | 330 | 325 | 300 | 350 | 330 | 220 | 275 | 190 | 190 | 165 | 175 | 160 | 170 | 8 | |
| 14 | 165 | 160 | 160 | 140 | 130 | 150 | 125 | 65 | 355 | 315 | 295 | 290 | 305 | 315 | 325 | 205 | 245 | 245 | 215 | 165 | 165 | 165 | 160 | 180 | 8 | |
| 15 | 265 | 315 | 355 | 10 | 80 | 80 | 85 | 85 | 65 | 65 | 70 | 70 | 60 | 80 | 80 | 85 | 80 | 80 | 75 | 75 | 75 | 80 | 80 | 90 | [VA] | |
| 16 | 90 | 70 | 75 | 45 | 140 | 115 | 95 | 75 | 65 | 35 | 40 | 15 | 50 | 320 | 310 | 255 | 310 | 315 | 70 | 15 | 140 | 175 | 165 | 160 | 4 | |
| 17 | 160 | 160 | 155 | 150 | 145 | 155 | 155 | 90 | 20 | 350 | 315 | 295 | 330 | 330 | 355 | 285 | 225 | 325 | 335 | 115 | 150 | 165 | 170 | 220 | 8 | |
| 18 | 150 | 150 | 160 | 155 | 160 | 155 | 140 | [VA] | 345 | 340 | 350 | 335 | 225 | 235 | 235 | 215 | 245 | 260 | 220 | 240 | 275 | 270 | 175 | 160 | 8 | |
| 19 | 190 | 150 | 165 | 190 | 175 | 185 | 180 | 145 | 250 | 305 | 320 | [VA] | 245 | 190 | 50 | 200 | 180 | 160 | 165 | 170 | 150 | 150 | 150 | 220 | [VA] | |
| 20 | 0 | 330 | 180 | 200 | 165 | 165 | 190 | 185 | 275 | 220 | 140 | 185 | 185 | 165 | 175 | 160 | 160 | 175 | 115 | 140 | 155 | 170 | 170 | 170 | 8 | |
| 21 | 175 | 190 | 160 | 160 | 165 | 130 | 95 | [VA] | 160 | 205 | 190 | 185 | 165 | 165 | 170 | 330 | 345 | 240 | 265 | 290 | 230 | 280 | 255 | 155 | [VA] | |
| 22 | 190 | 140 | 185 | 175 | 170 | 155 | 165 | 190 | 5 | 350 | 300 | 320 | 325 | 150 | 200 | 175 | 215 | 200 | 180 | 155 | 100 | 120 | 175 | 170 | 9 | |
| 23 | 165 | 165 | 175 | 180 | 175 | 240 | 180 | 180 | 300 | 330 | 265 | 50 | 330 | 280 | 275 | [VA] | 45 | 20 | 60 | 105 | 130 | 160 | 270 | 10 | 9 | |
| 24 | 105 | 135 | [VA] | [VA] | 60 | 130 | [VA] | 285 | 270 | 325 | 295 | 275 | 215 | 300 | 170 | [VA] | 260 | 115 | 55 | 145 | 165 | 155 | 160 | 170 | 14 | |
| 25 | 140 | 165 | 180 | 165 | 170 | 170 | 150 | 120 | 110 | 285 | 340 | 300 | 315 | 240 | 240 | 0 | 25 | 105 | 115 | 165 | 160 | 155 | 155 | 160 | 8 | |
| 26 | 165 | 165 | 160 | 165 | 160 | 165 | 150 | 150 | 310 | 275 | 105 | 35 | 345 | 350 | 345 | 260 | [VA] | 60 | 320 | 50 | 125 | 170 | 155 | 160 | 8 | |
| 27 | 160 | 150 | 165 | 165 | 155 | 165 | 140 | 70 | 335 | 310 | 310 | 275 | 305 | 320 | 280 | 300 | 295 | 280 | 340 | 60 | 150 | 170 | 160 | 145 | 8 | |
| 28 | 145 | 135 | 90 | 85 | 135 | 150 | 135 | 85 | 75 | 10 | 320 | 40 | 40 | 275 | 215 | 225 | 220 | 240 | 205 | 185 | 165 | 165 | 200 | 200 | [VA] | |
| 29 | 160 | 165 | 175 | 175 | 170 | 175 | 160 | 135 | 275 | 315 | 290 | 280 | 245 | 150 | 175 | 295 | 315 | 330 | 310 | 300 | 290 | 280 | 320 | 275 | 15 | |
| 30 | 165 | 170 | 175 | 190 | 170 | 165 | 160 | 245 | 60 | 35 | 295 | 280 | 275 | 305 | 300 | 60 | 310 | 165 | 135 | 160 | 165 | 165 | 120 | 135 | 8 | |
| 31 | 165 | 140 | 140 | 165 | 165 | 140 | 145 | 0 | 345 | 335 | 310 | 285 | 285 | 195 | 180 | 205 | 250 | 295 | 290 | 240 | 160 | 160 | 155 | 155 | 8 | |
| PV | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 7 | 14 | [VA] | 14 | [VA] | 15 | 14 | 13 | 11 | 15 | 15 | 14 | 8 | 8 | [VA] | 9 | 8 | 8 | |

WIND DIRECTION @ 30M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JUNE,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 24/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | PREV | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 135 | 135 | 160 | 160 | 130 | 120 | 155 | 75 | 20 | 330 | 345 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | 7 | |
| 2 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | 235 | 210 | 200 | 175 | 210 | 205 | 190 | 225 | 205 | 155 | 165 | 165 | 10 | |
| 3 | 170 | 170 | 100 | 85 | 90 | 120 | [VA] | 50 | 320 | 225 | 195 | 185 | 190 | 225 | 220 | 200 | 205 | 215 | 240 | 240 | 225 | 160 | 160 | 145 | 11 | |
| 4 | 165 | 185 | 200 | 165 | 150 | 140 | 85 | 60 | 5 | 10 | 250 | 190 | 205 | 200 | 215 | 215 | 205 | 225 | 230 | 240 | 225 | 170 | 170 | 165 | 10 | |
| 5 | 195 | 160 | 160 | 145 | 160 | 160 | 130 | 10 | 345 | 345 | 330 | [VA] | 155 | 185 | 165 | 185 | 195 | 190 | 180 | 175 | 160 | 165 | 160 | 170 | [VA] | |
| 6 | 170 | 150 | 145 | 130 | 95 | 50 | 70 | [VA] | 305 | 180 | 195 | 190 | 205 | 210 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | 9 | |
| 7 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | 235 | 220 | 225 | 195 | 150 | 175 | 165 | 165 | 170 | 170 | 9 | |
| 8 | 160 | 150 | 105 | 95 | 145 | 135 | 125 | 355 | 195 | 180 | 200 | 180 | 190 | 180 | 195 | 230 | 205 | 190 | 230 | 245 | 215 | 170 | 170 | 170 | 10 | |
| 9 | 165 | 165 | 165 | 160 | 140 | 140 | 115 | 30 | 0 | 280 | 285 | 195 | 190 | 215 | 205 | 200 | 210 | 220 | 220 | 220 | 205 | 165 | 170 | 160 | 10 | |
| 10 | 150 | 145 | 140 | 145 | 210 | 170 | 170 | 175 | 185 | 170 | 180 | 180 | 170 | 165 | 190 | 195 | 195 | 190 | 205 | 220 | 275 | 305 | 305 | 310 | [VA] | |
| 11 | [VA] | 175 | 170 | 170 | 175 | 185 | 250 | 290 | 245 | 205 | 205 | 215 | 230 | 295 | 260 | 245 | 250 | 300 | 305 | 290 | 215 | 180 | 175 | 190 | 9 | |
| 12 | 235 | 215 | 195 | 165 | 170 | 170 | 170 | 255 | 290 | 270 | 290 | 290 | 285 | 205 | 270 | 265 | 260 | 250 | 275 | 275 | 240 | 240 | 195 | 155 | 13 | |
| 13 | 155 | 170 | 225 | 240 | 225 | 170 | 175 | 140 | 25 | 60 | 295 | 280 | 310 | 320 | 330 | 340 | 320 | 295 | 330 | 295 | 115 | 160 | 105 | 80 | 15 | |
| 14 | 105 | 145 | 180 | 175 | 160 | 175 | 175 | 245 | 255 | 280 | 285 | 255 | 285 | 300 | 325 | 275 | 285 | 345 | 50 | 35 | 45 | 55 | 310 | 170 | 14 | |
| 15 | 160 | 165 | 175 | 170 | 170 | 155 | 155 | [VA] | 340 | 130 | 355 | 160 | 335 | 0 | 355 | 325 | 300 | 305 | 295 | 165 | 165 | 165 | 145 | 120 | 8 | |
| 16 | 130 | 145 | 330 | 40 | 75 | 65 | 105 | 160 | 240 | 260 | 290 | 235 | 315 | 315 | 325 | 315 | 310 | 295 | 280 | 295 | 305 | 340 | 150 | 185 | [VA] | |
| 17 | 170 | 155 | 160 | 165 | 165 | 170 | 180 | 0 | 315 | 315 | 0 | 35 | 300 | 330 | 50 | 75 | 315 | 140 | 180 | 180 | 150 | 90 | 160 | 130 | 8 | |
| 18 | 155 | 160 | 150 | 165 | 155 | 165 | 155 | 340 | 295 | 280 | 270 | 295 | 305 | 285 | 310 | 310 | 310 | 20 | 60 | 75 | 75 | 80 | 95 | 95 | 15 | |
| 19 | 145 | 155 | 170 | 170 | 175 | 170 | 140 | 285 | 315 | 320 | 295 | 265 | 290 | 300 | 295 | 305 | 300 | 325 | 275 | 60 | 110 | 155 | 160 | 150 | 14 | |
| 20 | 110 | 100 | 150 | 150 | 165 | 160 | 165 | [VA] | 355 | 25 | 50 | 275 | 270 | 180 | 215 | 205 | 220 | 225 | 260 | 190 | 175 | 180 | 230 | 190 | 9 | |
| 21 | 155 | 145 | 110 | 165 | 170 | 155 | 115 | 20 | 320 | 300 | 265 | 260 | 255 | 250 | 260 | 250 | 240 | 230 | 205 | 195 | 180 | 175 | 180 | 195 | 9 | |
| 22 | 175 | 175 | 190 | 175 | 185 | 165 | 160 | 145 | 155 | 160 | 45 | 60 | 10 | 120 | 245 | 350 | 340 | 290 | 80 | 165 | 165 | 145 | 100 | 115 | 8 | |
| 23 | 170 | 165 | 225 | 185 | 160 | 165 | 175 | 265 | 270 | 285 | 270 | 265 | 265 | 270 | 305 | 285 | 295 | 290 | 290 | 295 | 310 | 355 | 80 | 65 | 14 | |
| 24 | 175 | 170 | 170 | 170 | 165 | 160 | 160 | 180 | 300 | 290 | 295 | 290 | 265 | 270 | 250 | 280 | 245 | 295 | 305 | 295 | 295 | 280 | 265 | 160 | 13 | |
| 25 | 170 | 185 | 170 | 155 | 160 | 155 | 125 | 60 | 300 | 280 | 290 | 240 | 255 | 240 | 260 | 240 | 240 | 265 | 270 | 270 | 260 | 215 | 155 | [VA] | 13 | |
| 26 | 185 | 175 | 170 | 190 | 265 | 125 | 160 | 15 | 50 | 225 | 40 | 65 | 55 | 355 | 280 | 315 | 300 | 345 | 355 | 340 | 25 | 175 | 170 | 170 | 9 | |
| 27 | 165 | 150 | 145 | 155 | 165 | 155 | 130 | 85 | 310 | 325 | 320 | 295 | 300 | 310 | 295 | 265 | 280 | 305 | 325 | 325 | 325 | 165 | 170 | 165 | 15 | |
| 28 | 160 | 160 | 205 | 165 | 165 | 180 | 155 | 330 | 285 | 275 | 330 | 305 | 275 | 290 | 330 | 290 | 5 | 330 | 45 | 65 | 170 | 160 | 165 | 155 | 8 | |
| 29 | 195 | 165 | 175 | 175 | 170 | 160 | 150 | 95 | 35 | 310 | 320 | 310 | 330 | 265 | 230 | 210 | 305 | 10 | 110 | 135 | 160 | 160 | 165 | 165 | 8 | |
| 30 | 165 | 175 | 175 | 65 | 240 | 130 | 75 | 355 | 255 | 240 | 215 | 195 | 180 | 195 | 170 | 195 | 205 | 285 | 275 | 155 | 185 | 165 | 215 | 215 | [VA] | |
| 31 | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | |
| PV | 8 | 8 | [VA] | 8 | 8 | 8 | 8 | 1 | 15 | 13 | 14 | 13 | 14 | 14 | 11 | 10 | 15 | 14 | 13 | [VA] | 8 | 8 | [VA] | 8 | 9 | |

WIND DIRECTION @ 30M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JULY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 24/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | PREV | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 225 | 175 | 180 | 180 | 135 | 170 | 195 | 220 | 260 | 200 | 290 | 300 | 165 | 110 | 105 | 120 | 175 | 165 | 210 | 210 | 170 | 170 | 160 | 210 | 9 | |
| 2 | 145 | 120 | 80 | 85 | 115 | 150 | 175 | 115 | 280 | 305 | 280 | 295 | 300 | 280 | 275 | 260 | 270 | 250 | 250 | 275 | 305 | 310 | 0 | 110 | 13 | |
| 3 | 105 | 95 | 110 | 150 | 170 | 200 | 165 | 315 | 290 | 15 | 330 | 300 | 350 | 315 | 330 | 320 | 315 | 90 | 50 | 35 | [VA] | 175 | 165 | 170 | 15 | |
| 4 | 165 | 165 | 165 | 160 | 150 | 155 | 155 | 95 | 355 | 325 | 285 | 325 | 325 | 295 | 300 | 295 | 265 | 250 | 270 | 255 | 155 | 160 | 170 | 145 | 8 | |
| 5 | 170 | 160 | 160 | 155 | 150 | 150 | 135 | 300 | 305 | 305 | 285 | 305 | 310 | 295 | 295 | 285 | 355 | 25 | 355 | 0 | 90 | 170 | 165 | 180 | 8 | |
| 6 | 155 | 165 | 170 | 175 | 175 | 160 | 155 | [VA] | 10 | 295 | 270 | [VA] | 315 | 340 | 220 | 120 | 130 | 290 | 315 | 295 | 285 | 175 | 170 | 175 | 9 | |
| 7 | 180 | 170 | 175 | 135 | 130 | 150 | 150 | [VA] | 15 | 310 | 285 | 190 | 165 | 160 | 170 | 140 | 135 | 185 | 180 | 160 | 170 | 165 | 165 | 165 | 8 | |
| 8 | 165 | 190 | [VA] | 65 | 160 | 160 | 145 | 105 | 330 | 310 | 310 | 290 | 295 | 275 | 240 | 250 | 215 | 290 | 320 | 170 | 170 | 175 | 175 | 180 | 9 | |
| 9 | 160 | 190 | 175 | 180 | 170 | 160 | 90 | 95 | 245 | 260 | 290 | 295 | 290 | 315 | 200 | 200 | 205 | 190 | 150 | 155 | 170 | 175 | 195 | 175 | 9 | |
| 10 | 165 | 165 | 160 | [VA] | 160 | 165 | 165 | 110 | 5 | 310 | 260 | 265 | 290 | 265 | 255 | 170 | 155 | 195 | 310 | 40 | 105 | 125 | 170 | 200 | 8 | |
| 11 | [VA] | 170 | 160 | 165 | 165 | 155 | 140 | [VA] | 300 | 310 | 325 | 270 | 295 | 310 | 320 | 240 | 245 | 220 | 290 | 275 | 165 | 170 | 180 | 175 | 8 | |
| 12 | 175 | 170 | 170 | 160 | 160 | 250 | 150 | 175 | 235 | 300 | 280 | 335 | 290 | 340 | 130 | 170 | 160 | 165 | 165 | 320 | 15 | 345 | 140 | 55 | 8 | |
| 13 | 115 | 120 | 165 | 150 | 165 | 165 | 215 | 285 | 305 | 315 | 320 | 310 | 285 | 305 | 300 | 300 | 335 | 285 | 320 | 5 | 75 | 170 | 210 | 135 | 15 | |
| 14 | 175 | 170 | 155 | 165 | 165 | 165 | 155 | 285 | 310 | 310 | 45 | 40 | 345 | 225 | 290 | 275 | 295 | 330 | 310 | 310 | 210 | 170 | 175 | 180 | 9 | |
| 15 | 175 | 170 | 170 | 170 | 160 | 150 | 155 | 120 | 325 | 45 | 40 | 85 | 75 | 105 | 0 | 315 | [VA] | 175 | 35 | 65 | 95 | 140 | 170 | 165 | 8 | |
| 16 | 160 | 165 | 160 | 170 | 160 | 165 | 155 | 145 | 355 | 15 | 0 | 335 | 280 | 205 | 270 | 290 | 325 | 350 | 5 | 30 | 85 | 175 | 190 | 175 | 8 | |
| 17 | 170 | 165 | 120 | 120 | 155 | 145 | 145 | 155 | 215 | 295 | 305 | 295 | 295 | 320 | 50 | 305 | 330 | 330 | 300 | 235 | [VA] | 190 | 135 | 100 | 15 | |
| 18 | 240 | 70 | 185 | 305 | 50 | 30 | 155 | 155 | 105 | 340 | 290 | 300 | 290 | 300 | 300 | 295 | 290 | 290 | 265 | 160 | 150 | 180 | 180 | 175 | 14 | |
| 19 | 165 | 180 | 200 | 290 | 330 | 100 | 70 | 305 | 330 | [VA] | 315 | 300 | 265 | 295 | 235 | 165 | 195 | 175 | 180 | 175 | 170 | 250 | 205 | 145 | 9 | |
| 20 | 125 | 165 | 155 | 230 | 145 | 170 | 165 | 165 | 355 | 10 | 300 | 280 | 295 | 345 | 140 | 280 | 270 | 175 | 220 | 180 | 170 | 190 | 155 | 165 | 8 | |
| 21 | 160 | 165 | 160 | 160 | 140 | 155 | 145 | 165 | 320 | 305 | 290 | 280 | 290 | 260 | 315 | 275 | 335 | 335 | 325 | 330 | 0 | 185 | 145 | 175 | 8 | |
| 22 | 175 | 180 | 165 | 165 | 160 | 160 | 150 | 115 | 340 | 305 | 355 | [VA] | 40 | 100 | 120 | 335 | 60 | 45 | 0 | 355 | 55 | 130 | 170 | 170 | 8 | |
| 23 | 175 | 170 | 160 | 155 | 145 | 150 | 150 | 65 | 320 | 325 | [PF] | [PF] | 335 | 295 | 80 | 30 | 350 | 20 | 50 | 75 | 105 | 150 | 165 | 110 | 8 | |
| 24 | 150 | 115 | 75 | 90 | 120 | 170 | 140 | 30 | 65 | 20 | 10 | 340 | 315 | 305 | 310 | 325 | 195 | 175 | 180 | 160 | 170 | 220 | 195 | 165 | 9 | |
| 25 | 185 | 160 | 185 | 145 | 160 | 175 | 190 | 160 | 225 | 280 | 290 | 65 | 95 | 175 | 100 | 145 | 260 | 275 | 135 | 35 | 100 | 165 | 125 | 170 | 9 | |
| 26 | 175 | 150 | 160 | 160 | 160 | 165 | 135 | 150 | 150 | [VA] | 255 | 240 | 280 | 290 | 285 | 175 | 170 | 175 | 165 | 160 | 170 | 165 | 125 | 170 | 8 | |
| 27 | 180 | 175 | 155 | 175 | 155 | 130 | 160 | 310 | 285 | 265 | [VA] | 270 | 285 | 355 | 330 | 335 | 310 | 335 | 335 | 290 | 170 | 165 | 170 | 160 | 8 | |
| 28 | 170 | 175 | 170 | 170 | 170 | 150 | 145 | 140 | 40 | 5 | [VA] | [VA] | 270 | 290 | 320 | 350 | 350 | 0 | 330 | 320 | 220 | 170 | 170 | 180 | 9 | |
| 29 | 160 | 175 | 155 | 160 | 155 | 155 | 160 | 105 | 10 | 340 | 300 | 275 | [VA] | [VA] | 95 | 320 | 335 | 350 | 25 | 60 | 85 | 90 | 90 | 80 | [VA] | |
| 30 | 0 | 35 | 110 | 250 | 115 | 185 | 185 | 275 | 295 | 0 | 335 | 335 | 295 | 320 | 330 | 305 | 325 | 340 | 310 | 275 | 150 | 90 | 85 | 90 | [VA] | |
| 31 | 105 | [VA] | 290 | 280 | 320 | 95 | 165 | 295 | 325 | 315 | 315 | 325 | 345 | 310 | 335 | 320 | 325 | 285 | 270 | 225 | 215 | [VA] | 80 | 90 | [VA] | |
| PV | 8 | [VA] | 9 | 8 | 8 | 8 | 8 | 6 | 15 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 16 | 9 | 15 | 9 | 9 | 8 | 8 | 8 | 8 | |

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MAY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 4 | 3 | 2 | 1 | 1 | 0 | 1 | 4 | 7 | 10 | 12 | 14 | 15 | 17 | 17 | 18 | 19 | 19 | 19 | 16 | 12 | 11 | 10 | 9 | 10 | 19 |
| 2 | 8 | 8 | 6 | 5 | 3 | 3 | 4 | 7 | 11 | 14 | 17 | 18 | 19 | 20 | 21 | 21 | 21 | 21 | 20 | 18 | 14 | 13 | 11 | 10 | 13 | 21 |
| 3 | 7 | 6 | 6 | 5 | 4 | 4 | 4 | 7 | 9 | 13 | 15 | 18 | 20 | 24 | 23 | 23 | 22 | 22 | 22 | 20 | 18 | 19 | 18 | 17 | 14 | 24 |
| 4 | 17 | 16 | 15 | 15 | 15 | 14 | 15 | 16 | 18 | 19 | 20 | 20 | 21 | 21 | 21 | 21 | 21 | 18 | 18 | 17 | 15 | 14 | 13 | 12 | 17 | 21 |
| 5 | 11 | 10 | 9 | 8 | 7 | 5 | 6 | 10 | 13 | 15 | 17 | 18 | 19 | 20 | 20 | 20 | 19 | 19 | 17 | 16 | 15 | 15 | 14 | 12 | 14 | 20 |
| 6 | 11 | 9 | 8 | 8 | 8 | 8 | 8 | 8 | 10 | 11 | 12 | 10 | 8 | 8 | 10 | 12 | 12 | 12 | 12 | 11 | 9 | 9 | 9 | 9 | 10 | 12 |
| 7 | 9 | 9 | 8 | 8 | 8 | 8 | 9 | 9 | 10 | 11 | 12 | 12 | 13 | 14 | 15 | 16 | 16 | 16 | 14 | 11 | 10 | 9 | 8 | 8 | 11 | 16 |
| 8 | 8 | 8 | 8 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 9 | 10 | 12 | 13 | 14 | 12 | 10 | 10 | 10 | 10 | 10 | 10 | 9 | 9 | 9 | 14 |
| 9 | 9 | 9 | 9 | 9 | 8 | 8 | 8 | 9 | 11 | 13 | 14 | 15 | 17 | 18 | 19 | 19 | 19 | 19 | 16 | 13 | 12 | 11 | 11 | 10 | 13 | 19 |
| 10 | 9 | 8 | 7 | 7 | 6 | 6 | 7 | 9 | 11 | 13 | 15 | 17 | 19 | 19 | 19 | 20 | 20 | 20 | 20 | 19 | 16 | 14 | 14 | 13 | 14 | 20 |
| 11 | 11 | 10 | 11 | 10 | 11 | 10 | 11 | 14 | 16 | 18 | 20 | 21 | 17 | 19 | 21 | 21 | 21 | 20 | 19 | 17 | 16 | 14 | 12 | 11 | 15 | 21 |
| 12 | 9 | 7 | 5 | 3 | 3 | 3 | 5 | 8 | 11 | 12 | 13 | 13 | 14 | 16 | 17 | 18 | 18 | 19 | 18 | 17 | 15 | 11 | 10 | 9 | 11 | 19 |
| 13 | 9 | 8 | 6 | 5 | 4 | 4 | 6 | 10 | 14 | 16 | 18 | 19 | 20 | 21 | 22 | 23 | 23 | 23 | 23 | 22 | 18 | 16 | 15 | 13 | 15 | 23 |
| 14 | 12 | 11 | 10 | 9 | 9 | 8 | 9 | 13 | 17 | 20 | 22 | 25 | 27 | 28 | 28 | 29 | 29 | 29 | 28 | 25 | 22 | 21 | 22 | 23 | 20 | 29 |
| 15 | 22 | 19 | 16 | 15 | 13 | 11 | 10 | 11 | 12 | 13 | 14 | 15 | 15 | 15 | 15 | 15 | 15 | 14 | 13 | 11 | 10 | 10 | 9 | 8 | 13 | 22 |
| 16 | 7 | 7 | 6 | 6 | 5 | 5 | 6 | 7 | 9 | 10 | 12 | 13 | 15 | 16 | 17 | 18 | 18 | 19 | 18 | 17 | 14 | 11 | 10 | 9 | 11 | 19 |
| 17 | 8 | 7 | 6 | 6 | 5 | 5 | 6 | 10 | 13 | 16 | 19 | 22 | 24 | 25 | 26 | 26 | 26 | 26 | 26 | 24 | 21 | 20 | 18 | 16 | 17 | 26 |
| 18 | 15 | 14 | 12 | 11 | 10 | 9 | 11 | 15 | 19 | 22 | 24 | 25 | 26 | 27 | 27 | 27 | 27 | 26 | 26 | 25 | 23 | 22 | 21 | 19 | 20 | 27 |
| 19 | 19 | 18 | 18 | 18 | 18 | 15 | 15 | 18 | 21 | 21 | 22 | 22 | 21 | 20 | 19 | 20 | 19 | 19 | 20 | 19 | 18 | 17 | 16 | 16 | 19 | 22 |
| 20 | 15 | 15 | 14 | 14 | 14 | 13 | 14 | 15 | 16 | 17 | 19 | 20 | 16 | 16 | 18 | 20 | 19 | 19 | 18 | 18 | 16 | 15 | 14 | 14 | 16 | 20 |
| 21 | 14 | 13 | 12 | 12 | 11 | 11 | 12 | 14 | 16 | 17 | 16 | 15 | 13 | 12 | 12 | 14 | 14 | 14 | 12 | 12 | 12 | 11 | 10 | 10 | 13 | 17 |
| 22 | 10 | 10 | 10 | 9 | 8 | 8 | 9 | 10 | 11 | 13 | 15 | 16 | 13 | 12 | 13 | 14 | 14 | 13 | 12 | 11 | 11 | 10 | 10 | 10 | 11 | 16 |
| 23 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 10 | 11 | 13 | 15 | 16 | 18 | 19 | 20 | 20 | 21 | 20 | 19 | 18 | 17 | 15 | 15 | 14 | 14 | 21 |
| 24 | 13 | 13 | 12 | 12 | 12 | 12 | 12 | 13 | 15 | 16 | 18 | 18 | 19 | 20 | 20 | 20 | 17 | 15 | 15 | 14 | 12 | 11 | 11 | 10 | 15 | 20 |
| 25 | 10 | 9 | 7 | 6 | 6 | 6 | 7 | 9 | 12 | 15 | 17 | 19 | 19 | 18 | 19 | 13 | 14 | 16 | 16 | 15 | 13 | 12 | 11 | 10 | 12 | 19 |
| 26 | 10 | 8 | 7 | 7 | 6 | 6 | 7 | 10 | 13 | 15 | 16 | 18 | 19 | 20 | 20 | 21 | 21 | 21 | 21 | 20 | 17 | 14 | 12 | 12 | 14 | 21 |
| 27 | 11 | 10 | 9 | 8 | 7 | 7 | 9 | 12 | 15 | 18 | 20 | 22 | 24 | 25 | 25 | 26 | 26 | 26 | 25 | 24 | 20 | 17 | 15 | 14 | 17 | 26 |
| 28 | 14 | 14 | 13 | 12 | 9 | 9 | 12 | 14 | 18 | 22 | 23 | 21 | 24 | 26 | 27 | 28 | 28 | 27 | 26 | 25 | 22 | 20 | 19 | 17 | 20 | 28 |
| 29 | 16 | 14 | 13 | 13 | 11 | 12 | 12 | 14 | 18 | 20 | 21 | 22 | 23 | 23 | 24 | 20 | 20 | 20 | 20 | 19 | 17 | 16 | 15 | 14 | 17 | 24 |
| 30 | 12 | 10 | 10 | 9 | 8 | 7 | 9 | 12 | 14 | 16 | 17 | 18 | 20 | 15 | 21 | 21 | 18 | 16 | 14 | 14 | 13 | 12 | 11 | 10 | 14 | 21 |
| 31 | 9 | 8 | 8 | 7 | 6 | 6 | 7 | 11 | 14 | 17 | 19 | 22 | 23 | 23 | 24 | 25 | 25 | 25 | 24 | 23 | 19 | 17 | 15 | 14 | 16 | 25 |
| AV | 11 | 10 | 9 | 9 | 8 | 8 | 9 | 11 | 13 | 15 | 17 | 18 | 18 | 19 | 20 | 20 | 20 | 19 | 19 | 17 | 15 | 14 | 13 | 12 | 14 | [ ] |
| SD | 4 | 4 | 3 | 4 | 4 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 4 | 4 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 3 | 3 | [ ] |

OUTPT [VERSION N 28 JUL 76]

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JUNE,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 14 | 13 | 11 | 9 | 9 | 9 | 11 | 15 | 19 | 22 | 24 | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | 14 | 24 |
| 2 | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | 26 | 28 | 29 | 29 | 29 | 28 | 28 | 27 | 24 | 21 | 19 | 17 | 25 | 29 |
| 3 | 17 | 17 | 16 | 15 | 13 | 12 | 14 | 18 | 21 | 25 | 26 | 26 | 26 | 26 | 26 | 28 | 28 | 28 | 27 | 26 | 24 | 20 | 19 | 19 | 22 | 28 |
| 4 | 17 | 15 | 15 | 13 | 11 | 10 | 12 | 16 | 20 | 23 | 25 | 26 | 27 | 27 | 28 | 28 | 28 | 28 | 27 | 26 | 24 | 20 | 19 | 16 | 21 | 28 |
| 5 | 16 | 14 | 12 | 11 | 10 | 9 | 11 | 16 | 19 | 22 | 25 | 27 | 28 | 28 | 29 | 29 | 29 | 29 | 28 | 26 | 23 | 20 | 18 | 17 | 21 | 29 |
| 6 | 16 | 14 | 14 | 13 | 12 | 12 | 13 | 17 | 21 | 25 | 26 | 27 | 27 | 28 | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | 19 | 28 |
| 7 | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | 24 | 28 | 27 | 27 | 26 | 25 | 23 | 22 | 21 | 20 | 25 | 28 |
| 8 | 17 | 16 | 16 | 14 | 14 | 13 | 15 | 19 | 25 | 26 | 27 | 27 | 28 | 27 | 26 | 28 | 29 | 28 | 28 | 27 | 25 | 23 | 22 | 20 | 23 | 29 |
| 9 | 18 | 17 | 16 | 14 | 13 | 12 | 14 | 18 | 22 | 24 | 25 | 27 | 27 | 28 | 29 | 29 | 29 | 28 | 28 | 26 | 24 | 21 | 20 | 17 | 22 | 29 |
| 10 | 16 | 15 | 14 | 13 | 15 | 15 | 20 | 23 | 24 | 25 | 25 | 26 | 27 | 28 | 28 | 29 | 29 | 28 | 27 | 26 | 21 | 17 | 16 | 15 | 22 | 29 |
| 11 | 13 | 12 | 11 | 10 | 10 | 11 | 12 | 14 | 15 | 16 | 17 | 17 | 17 | 17 | 18 | 18 | 18 | 14 | 14 | 13 | 11 | 11 | 10 | 10 | 14 | 18 |
| 12 | 11 | 10 | 9 | 8 | 7 | 7 | 9 | 12 | 13 | 15 | 16 | 17 | 18 | 19 | 20 | 20 | 20 | 20 | 20 | 19 | 19 | 18 | 17 | 16 | 15 | 20 |
| 13 | 15 | 14 | 14 | 14 | 13 | 12 | 14 | 15 | 17 | 18 | 19 | 18 | 18 | 18 | 18 | 16 | 15 | 13 | 8 | 7 | 5 | 4 | 3 | 2 | 13 | 19 |
| 14 | 2 | 2 | 2 | 1 | 1 | 2 | 3 | 6 | 7 | 9 | 10 | 12 | 13 | 14 | 15 | 15 | 16 | 16 | 15 | 13 | 12 | 11 | 10 | 8 | 9 | 16 |
| 15 | 7 | 5 | 5 | 5 | 4 | 3 | 5 | 9 | 11 | 13 | 14 | 16 | 18 | 19 | 21 | 22 | 22 | 23 | 22 | 21 | 19 | 17 | 17 | 16 | 14 | 23 |
| 16 | 16 | 17 | 17 | 15 | 14 | 13 | 13 | 16 | 18 | 19 | 19 | 20 | 20 | 21 | 22 | 13 | 21 | 19 | 19 | 19 | 17 | 13 | 11 | 4 | 17 | 22 |
| 17 | 3 | 10 | 9 | 8 | 8 | 9 | 9 | 11 | 12 | 14 | 15 | 17 | 18 | 16 | 18 | 17 | 15 | 15 | 14 | 14 | 13 | 12 | 11 | 10 | 12 | 13 |
| 18 | 9 | 7 | 7 | 6 | 5 | 5 | 7 | 10 | 12 | 14 | 16 | 18 | 20 | 21 | 22 | 23 | 23 | 23 | 22 | 20 | 18 | 17 | 16 | 15 | 15 | 23 |
| 19 | 13 | 11 | 10 | 8 | 8 | 7 | 9 | 12 | 15 | 17 | 19 | 22 | 24 | 25 | 26 | 27 | 28 | 28 | 28 | 27 | 24 | 22 | 20 | 17 | 19 | 28 |
| 20 | 16 | 14 | 13 | 12 | 11 | 10 | 13 | 17 | 21 | 24 | 27 | 31 | 32 | 32 | 32 | 32 | 32 | 32 | 31 | 30 | 28 | 27 | 26 | 24 | 24 | 32 |
| 21 | 21 | 21 | 20 | 19 | 16 | 15 | 17 | 21 | 24 | 26 | 29 | 30 | 31 | 31 | 32 | 32 | 32 | 32 | 31 | 30 | 28 | 26 | 26 | 25 | 26 | 32 |
| 22 | 24 | 23 | 24 | 23 | 20 | 15 | 14 | 14 | 14 | 16 | 18 | 12 | 14 | 17 | 19 | 18 | 19 | 14 | 13 | 13 | 12 | 12 | 12 | 11 | 16 | 24 |
| 23 | 10 | 10 | 10 | 10 | 10 | 9 | 11 | 13 | 14 | 15 | 17 | 18 | 19 | 20 | 25 | 21 | 21 | 21 | 19 | 17 | 16 | 15 | 13 | 11 | 15 | 25 |
| 24 | 9 | 8 | 7 | 6 | 6 | 5 | 8 | 11 | 13 | 15 | 16 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 23 | 22 | 20 | 19 | 18 | 16 | 15 | 24 |
| 25 | 14 | 12 | 11 | 9 | 8 | 8 | 10 | 14 | 17 | 21 | 23 | 25 | 25 | 26 | 27 | 27 | 27 | 27 | 28 | 27 | 26 | 24 | 20 | 20 | 20 | 28 |
| 26 | 19 | 18 | 17 | 15 | 14 | 13 | 15 | 17 | 18 | 19 | 20 | 22 | 23 | 24 | 26 | 26 | 27 | 27 | 27 | 26 | 24 | 20 | 18 | 17 | 20 | 27 |
| 27 | 15 | 14 | 13 | 11 | 10 | 10 | 11 | 15 | 18 | 21 | 24 | 26 | 29 | 31 | 31 | 32 | 32 | 32 | 32 | 30 | 28 | 24 | 21 | 19 | 22 | 32 |
| 28 | 17 | 16 | 16 | 14 | 13 | 12 | 14 | 17 | 20 | 23 | 27 | 29 | 30 | 32 | 32 | 33 | 33 | 33 | 32 | 31 | 27 | 24 | 22 | 20 | 24 | 33 |
| 29 | 19 | 17 | 15 | 14 | 13 | 12 | 14 | 18 | 22 | 25 | 27 | 30 | 32 | 33 | 33 | 33 | 33 | 34 | 33 | 30 | 29 | 28 | 27 | 25 | 25 | 34 |
| 30 | 24 | 24 | 24 | 23 | 22 | 20 | 20 | 25 | 27 | 28 | 29 | 30 | 30 | 29 | 30 | 30 | 27 | 24 | 23 | 22 | 21 | 21 | 21 | 21 | 25 | 30 |
| 31 | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) |
| AV | 15 | 14 | 13 | 12 | 11 | 10 | 12 | 15 | 18 | 20 | 22 | 23 | 24 | 24 | 25 | 25 | 25 | 25 | 24 | 23 | 21 | 19 | 18 | 16 | 19 | ( ) |
| SD | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 6 | 5 | 5 | 5 | 6 | 5 | 6 | 6 | 6 | 6 | 5 | 5 | 6 | 5 | ( ) |

OUTPT (VERSION N 28 JUL 76)

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JULY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 21 | 21 | 20 | 19 | 19 | 20 | 20 | 21 | 24 | 25 | 27 | 26 | 26 | 27 | 28 | 29 | 30 | 30 | 29 | 28 | 25 | 23 | 22 | 21 | 24 | 30 |
| 2 | 19 | 21 | 21 | 20 | 19 | 17 | 17 | 18 | 20 | 22 | 24 | 27 | 28 | 29 | 31 | 31 | 31 | 30 | 30 | 29 | 27 | 26 | 24 | 21 | 24 | 31 |
| 3 | 20 | 20 | 18 | 16 | 14 | 14 | 15 | 17 | 19 | 22 | 25 | 27 | 29 | 30 | 31 | 31 | 31 | 32 | 31 | 30 | 27 | 24 | 21 | 20 | 24 | 32 |
| 4 | 16 | 17 | 16 | 14 | 14 | 13 | 14 | 18 | 22 | 25 | 27 | 30 | 32 | 33 | 33 | 34 | 34 | 34 | 33 | 32 | 27 | 25 | 23 | 21 | 25 | 34 |
| 5 | 20 | 17 | 16 | 15 | 14 | 14 | 15 | 19 | 22 | 25 | 28 | 30 | 33 | 33 | 34 | 34 | 34 | 34 | 34 | 32 | 29 | 26 | 24 | 23 | 25 | 34 |
| 6 | 23 | 21 | 20 | 19 | 18 | 17 | 18 | 20 | 24 | 26 | 29 | 31 | 32 | 33 | 34 | 34 | 34 | 33 | 32 | 31 | 29 | 27 | 25 | 23 | 26 | 34 |
| 7 | 22 | 21 | 21 | 21 | 20 | 19 | 20 | 23 | 27 | 29 | 31 | 31 | 32 | 32 | 30 | 31 | 32 | 31 | 30 | 29 | 28 | 28 | 27 | 25 | 27 | 32 |
| 8 | 25 | 24 | 23 | 20 | 18 | 17 | 19 | 22 | 25 | 28 | 30 | 32 | 33 | 34 | 34 | 34 | 35 | 34 | 34 | 32 | 30 | 28 | 27 | 25 | 28 | 35 |
| 9 | 25 | 24 | 24 | 24 | 22 | 21 | 22 | 25 | 30 | 31 | 32 | 33 | 34 | 35 | 35 | 35 | 36 | 35 | 35 | 34 | 31 | 29 | 29 | 29 | 30 | 36 |
| 10 | 28 | 27 | 26 | 24 | 22 | 20 | 21 | 24 | 27 | 30 | 32 | 33 | 35 | 36 | 36 | 35 | 34 | 34 | 33 | 32 | 31 | 29 | 27 | 26 | 29 | 36 |
| 11 | 24 | 21 | 19 | 19 | 18 | 18 | 19 | 22 | 25 | 27 | 30 | 31 | 33 | 34 | 34 | 33 | 33 | 33 | 31 | 30 | 28 | 26 | 25 | 24 | 27 | 34 |
| 12 | 23 | 24 | 25 | 24 | 24 | 24 | 23 | 26 | 28 | 28 | 28 | 30 | 29 | 28 | 26 | 25 | 25 | 27 | 26 | 26 | 26 | 24 | 23 | 22 | 26 | 30 |
| 13 | 23 | 22 | 20 | 18 | 16 | 15 | 17 | 19 | 21 | 24 | 26 | 28 | 29 | 30 | 31 | 31 | 31 | 31 | 30 | 30 | 27 | 25 | 24 | 22 | 25 | 31 |
| 14 | 22 | 20 | 18 | 17 | 15 | 15 | 17 | 19 | 23 | 26 | 28 | 30 | 31 | 31 | 30 | 29 | 30 | 30 | 29 | 28 | 26 | 23 | 23 | 21 | 24 | 31 |
| 15 | 19 | 18 | 17 | 16 | 15 | 14 | 15 | 19 | 22 | 25 | 27 | 29 | 30 | 31 | 32 | 32 | 32 | 32 | 31 | 31 | 28 | 24 | 22 | 21 | 24 | 32 |
| 16 | 20 | 19 | 17 | 16 | 15 | 14 | 14 | 16 | 19 | 25 | 28 | 31 | 32 | 33 | 34 | 34 | 34 | 34 | 33 | 32 | 30 | 27 | 27 | 27 | 25 | 34 |
| 17 | 26 | 25 | 24 | 23 | 21 | 20 | 21 | 24 | 27 | 29 | 31 | 31 | 31 | 30 | 31 | 32 | 29 | 28 | 24 | 20 | 19 | 18 | 17 | 17 | 25 | 32 |
| 18 | 17 | 17 | 17 | 16 | 16 | 16 | 16 | 17 | 19 | 20 | 21 | 20 | 21 | 23 | 23 | 23 | 21 | 20 | 20 | 20 | 19 | 19 | 19 | 18 | 19 | 23 |
| 19 | 18 | 18 | 18 | 17 | 17 | 16 | 16 | 18 | 19 | 21 | 23 | 24 | 26 | 27 | 26 | 26 | 27 | 27 | 24 | 21 | 20 | 21 | 17 | 16 | 21 | 27 |
| 20 | 17 | 16 | 14 | 14 | 13 | 13 | 15 | 17 | 18 | 20 | 22 | 24 | 25 | 27 | 28 | 26 | 23 | 23 | 24 | 23 | 21 | 19 | 17 | 16 | 20 | 28 |
| 21 | 15 | 15 | 14 | 13 | 13 | 12 | 13 | 17 | 20 | 23 | 25 | 26 | 28 | 29 | 30 | 30 | 30 | 30 | 29 | 28 | 27 | 24 | 22 | 20 | 22 | 30 |
| 22 | 19 | 17 | 16 | 15 | 14 | 14 | 15 | 18 | 21 | 24 | 27 | 29 | 30 | 31 | 32 | 32 | 31 | 31 | 31 | 30 | 28 | 24 | 23 | 21 | 24 | 32 |
| 23 | 20 | 18 | 17 | 16 | 16 | 15 | 16 | 19 | 22 | 26 | [PF] | [PF] | 31 | 33 | 33 | 34 | 34 | 33 | 33 | 32 | 30 | 28 | 26 | 26 | 25 | 34 |
| 24 | 26 | 24 | 22 | 20 | 17 | 17 | 18 | 22 | 25 | 27 | 29 | 30 | 31 | 31 | 32 | 32 | 32 | 31 | 31 | 30 | 28 | 27 | 27 | 25 | 26 | 32 |
| 25 | 24 | 23 | 22 | 21 | 22 | 22 | 21 | 24 | 26 | 26 | 27 | 28 | 28 | 27 | 25 | 22 | 20 | 19 | 19 | 19 | 19 | 19 | 18 | 18 | 22 | 28 |
| 26 | 17 | 17 | 16 | 15 | 15 | 15 | 16 | 16 | 17 | 19 | 21 | 24 | 25 | 27 | 28 | 26 | 27 | 27 | 27 | 27 | 24 | 23 | 22 | 22 | 21 | 28 |
| 27 | 22 | 20 | 19 | 18 | 16 | 16 | 16 | 20 | 22 | 25 | 28 | 29 | 30 | 31 | 31 | 31 | 32 | 31 | 30 | 29 | 27 | 23 | 22 | 20 | 25 | 32 |
| 28 | 19 | 19 | 18 | 17 | 16 | 15 | 16 | 19 | 23 | 26 | 29 | 31 | 32 | 33 | 32 | 31 | 31 | 31 | 30 | 29 | 28 | 25 | 23 | 22 | 25 | 33 |
| 29 | 22 | 22 | 20 | 19 | 18 | 18 | 18 | 21 | 24 | 27 | 29 | 31 | 32 | 29 | 31 | 31 | 31 | 31 | 30 | 29 | 28 | 27 | 27 | 26 | 26 | 32 |
| 30 | 25 | 24 | 23 | 22 | 20 | 19 | 20 | 22 | 23 | 25 | 26 | 29 | 30 | 30 | 31 | 31 | 32 | 32 | 29 | 26 | 25 | 24 | 22 | 21 | 25 | 32 |
| 31 | 21 | 20 | 20 | 19 | 18 | 17 | 18 | 19 | 21 | 23 | 24 | 26 | 28 | 29 | 30 | 30 | 30 | 27 | 24 | 25 | 22 | 19 | 17 | 17 | 23 | 30 |
| AV | 21 | 20 | 19 | 18 | 17 | 17 | 17 | 20 | 23 | 25 | 27 | 29 | 30 | 31 | 31 | 31 | 31 | 30 | 29 | 28 | 26 | 24 | 23 | 22 | 25 | [ ] |
| SD | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 2 | [ ] |

OUTPT [VERSION N 28 JUL 76]

DELTA T (30M-10M)
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MAY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | .0 | -.1 | .2 | .3 | .3 | .1 | -.3 | -.4 | -.4 | -.4 | -.4 | -.3 | -.4 | -.7 | -.4 | -.5 | -.4 | -.4 | -.4 | .4 | .5 | .3 | .0 | .6 | -.1 | .6 |
| 2 | 1.0 | .3 | .2 | .2 | .4 | .0 | .0 | -.5 | -.4 | -.2 | -.2 | -.4 | -.3 | -.3 | -.4 | -.4 | -.4 | -.4 | -.4 | .9 | .8 | .1 | .2 | -.1 | .0 | 1.0 |
| 3 | .1 | .3 | .4 | .4 | .2 | -.1 | .1 | -.4 | -.3 | -.3 | -.5 | -.5 | -.5 | -.4 | -.5 | -.5 | -.5 | -.5 | -.4 | -.1 | -.1 | -.3 | -.3 | -.3 | -.2 | .4 |
| 4 | -.3 | -.3 | -.3 | -.2 | .0 | -.3 | -.5 | -.5 | -.6 | -.5 | -.6 | -.5 | -.6 | -.6 | -.5 | -.5 | -.5 | -.5 | -.5 | -.3 | .3 | -.2 | -.2 | -.2 | -.4 | .3 |
| 5 | -.1 | .1 | .0 | .2 | .4 | .4 | .0 | -.4 | -.4 | -.3 | -.3 | -.5 | -.6 | -.6 | -.7 | -.5 | -.5 | -.5 | -.5 | -.3 | -.2 | -.3 | -.3 | -.4 | -.3 | .4 |
| 6 | -.5 | -.5 | -.5 | -.4 | -.5 | -.5 | -.5 | -.6 | -.6 | -.6 | -.5 | -.5 | -.5 | -.5 | -.6 | -.6 | -.5 | -.5 | -.5 | -.5 | -.5 | -.5 | -.5 | -.4 | -.5 | -.4 |
| 7 | -.2 | -.4 | -.4 | -.3 | -.4 | -.4 | -.4 | -.5 | -.6 | -.4 | -.6 | -.1 | -.1 | -.2 | -.3 | -.2 | -.3 | -.3 | -.2 | .0 | .0 | .1 | .2 | .2 | -.2 | .2 |
| 8 | .0 | .1 | -.2 | -.3 | -.2 | -.2 | -.3 | -.3 | -.3 | -.4 | -.4 | -.4 | -.4 | -.3 | -.3 | -.3 | -.3 | -.3 | -.3 | -.2 | -.2 | -.2 | -.3 | -.3 | -.3 | .1 |
| 9 | -.2 | -.2 | -.3 | -.1 | -.2 | .0 | -.1 | -.4 | -.2 | -.3 | -.2 | -.2 | -.2 | -.3 | -.2 | -.4 | -.3 | -.4 | -.3 | -.3 | -.3 | -.3 | -.3 | -.2 | -.2 | .0 |
| 10 | .0 | .0 | .1 | -.1 | -.1 | .0 | -.3 | -.4 | -.3 | -.2 | -.2 | -.2 | -.3 | -.3 | -.4 | -.4 | -.4 | -.3 | -.3 | .2 | .3 | .1 | .0 | .1 | -.1 | .3 |
| 11 | .5 | .2 | .0 | .8 | .5 | .4 | -.2 | -.2 | -.2 | -.3 | -.3 | -.4 | -.1 | -.1 | -.2 | -.3 | -.3 | -.3 | -.3 | -.2 | -.2 | -.2 | -.1 | .1 | -.1 | .8 |
| 12 | .4 | .6 | .5 | .8 | .6 | .1 | .3 | .0 | -.2 | -.3 | -.4 | -.5 | -.4 | -.4 | -.4 | -.4 | -.4 | -.3 | -.2 | .0 | .7 | .8 | .6 | .4 | .1 | .8 |
| 13 | .1 | .0 | .3 | .2 | .2 | .0 | -.2 | -.3 | -.3 | -.2 | -.3 | -.3 | -.3 | -.2 | -.3 | -.2 | -.2 | -.2 | -.2 | .4 | .5 | .2 | .2 | .5 | .0 | .5 |
| 14 | .3 | .4 | .5 | .1 | .2 | .4 | .3 | -.3 | -.3 | -.1 | -.1 | -.2 | -.3 | -.2 | -.2 | -.3 | -.3 | -.3 | -.2 | .2 | .2 | .2 | .1 | -.1 | .0 | .5 |
| 15 | .0 | .0 | .0 | .1 | -.2 | -.3 | -.4 | -.4 | -.5 | -.5 | -.6 | -.5 | -.4 | -.6 | -.6 | -.6 | -.6 | -.4 | -.3 | -.3 | -.4 | -.3 | -.3 | -.4 | -.4 | .1 |
| 16 | -.3 | -.3 | -.3 | -.2 | -.1 | -.1 | -.3 | -.4 | -.5 | -.4 | -.3 | -.4 | -.4 | -.2 | -.4 | -.3 | -.3 | -.2 | -.2 | -.1 | 1.4 | .7 | .3 | .5 | -.1 | 1.4 |
| 17 | .2 | .2 | .5 | .3 | .2 | .2 | -.1 | -.3 | -.3 | -.2 | -.1 | -.2 | -.3 | -.3 | -.3 | -.3 | -.3 | -.2 | -.2 | .2 | .5 | .2 | .1 | 1.0 | .0 | 1.0 |
| 18 | .2 | .5 | 1.2 | .9 | .6 | 1.4 | .8 | -.3 | -.2 | -.2 | -.3 | -.3 | -.2 | -.4 | -.4 | -.4 | -.3 | -.3 | -.3 | -.2 | -.2 | -.1 | .1 | .2 | .1 | 1.4 |
| 19 | .0 | .4 | .1 | -.1 | .3 | .9 | .6 | -.2 | -.3 | -.2 | -.3 | -.2 | -.3 | -.2 | -.3 | -.2 | -.1 | -.2 | -.1 | -.1 | -.2 | -.2 | .0 | -.2 | .0 | .9 |
| 20 | -.1 | .1 | .1 | -.1 | -.1 | -.3 | -.3 | -.4 | -.4 | -.4 | -.4 | -.5 | -.2 | -.5 | -.7 | -.6 | -.5 | -.5 | -.4 | -.2 | .0 | -.1 | -.3 | -.2 | -.3 | .1 |
| 21 | -.4 | .0 | -.2 | -.2 | -.2 | .0 | -.2 | -.5 | -.5 | -.5 | -.6 | -.5 | -.6 | -.5 | -.6 | -.6 | -.5 | -.5 | -.4 | -.4 | -.3 | -.5 | -.5 | -.4 | -.4 | .0 |
| 22 | -.4 | -.3 | -.2 | .0 | .0 | .1 | -.3 | -.5 | -.4 | -.5 | -.4 | -.4 | .1 | -.1 | -.1 | -.2 | -.3 | -.3 | -.3 | -.2 | .0 | .1 | -.1 | -.3 | -.2 | .1 |
| 23 | -.2 | -.1 | .1 | -.2 | -.2 | -.3 | -.3 | -.4 | -.4 | -.2 | -.2 | -.3 | -.3 | -.3 | -.3 | -.4 | -.5 | -.4 | -.4 | -.3 | -.3 | .1 | -.2 | -.2 | -.3 | .1 |
| 24 | -.3 | -.2 | -.3 | -.2 | -.4 | -.3 | -.5 | -.5 | -.4 | -.4 | -.4 | -.4 | -.5 | -.6 | -.6 | -.6 | -.1 | .2 | .2 | .4 | .3 | .2 | .3 | .2 | -.2 | .4 |
| 25 | .3 | .3 | .3 | .9 | .4 | .1 | .2 | -.2 | -.1 | -.1 | .0 | .0 | -.3 | -.3 | -.3 | -.2 | -.2 | -.3 | -.2 | -.1 | .0 | .3 | .1 | .1 | .0 | .9 |
| 26 | .3 | .4 | .4 | .2 | .3 | .2 | -.2 | -.2 | -.1 | -.2 | -.3 | -.4 | -.4 | -.4 | -.4 | -.4 | -.3 | -.3 | -.4 | -.1 | .8 | .7 | -.1 | -.1 | .0 | .8 |
| 27 | .1 | .1 | -.1 | .3 | .4 | .2 | -.3 | -.4 | -.3 | -.5 | -.4 | -.3 | -.5 | -.6 | -.4 | -.5 | -.5 | -.4 | -.4 | -.1 | .9 | .5 | .1 | -.1 | -.1 | .9 |
| 28 | -.2 | -.4 | .3 | .4 | 2.1 | 1.4 | .1 | -.4 | -.5 | -.6 | -.5 | .0 | -.4 | -.4 | -.5 | -.6 | -.6 | -.5 | -.4 | -.3 | -.1 | -.1 | -.2 | .5 | -.1 | 2.1 |
| 29 | .5 | 1.1 | .3 | .0 | .4 | -.1 | -.2 | -.6 | -.5 | -.5 | -.4 | -.5 | -.5 | -.5 | -.5 | -.5 | -.5 | -.5 | -.5 | -.4 | -.3 | -.5 | -.5 | -.2 | -.2 | 1.1 |
| 30 | .4 | .1 | -.2 | .0 | .0 | .0 | -.5 | -.6 | -.6 | -.5 | -.5 | -.4 | -.5 | -.5 | -.5 | -.5 | -.1 | -.1 | .0 | -.1 | .0 | .4 | .4 | .4 | -.2 | .4 |
| 31 | .4 | .2 | .3 | .7 | .9 | .9 | .1 | -.1 | -.2 | -.1 | -.1 | -.2 | -.3 | -.3 | -.2 | -.2 | -.2 | -.3 | -.2 | .4 | 1.1 | .8 | .6 | .5 | .2 | 1.1 |
| AV | .1 | .1 | .1 | .1 | .2 | .1 | -.1 | -.4 | -.4 | -.3 | -.3 | -.3 | -.4 | -.4 | -.4 | -.4 | -.4 | -.3 | -.3 | -.1 | .2 | .1 | .0 | .0 | -.1 | [ ] |
| SD | .3 | .3 | .3 | .4 | .5 | .5 | .3 | .1 | .1 | .1 | .2 | .1 | .2 | .2 | .2 | .1 | .1 | .1 | .2 | .3 | .5 | .4 | .3 | .4 | .2 | [ ] |

OUTPT (VERSION N 28 JUL 76)

DELTA T (30M-10M)
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JUNE,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | .2 | .9 | 1.1 | 1.2 | 1.1 | 1.4 | .6 | -.2 | -.2 | -.2 | .3 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | .6 | 1.4 |
| 2 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | -.5 | -.4 | -.5 | -.5 | -.5 | -.4 | -.3 | -.2 | .1 | .2 | .5 | 1.0 | -.1 | 1.0 |
| 3 | .8 | .2 | .2 | 1.3 | .8 | 1.2 | .5 | -.4 | -.2 | -.4 | -.5 | -.6 | -.5 | -.5 | -.5 | -.6 | -.5 | -.4 | -.4 | -.3 | .0 | .4 | -.1 | -.3 | .0 | 1.3 |
| 4 | .9 | .4 | .3 | .4 | 1.5 | 2.4 | .7 | -.4 | -.3 | -.3 | -.5 | -.6 | -.6 | -.6 | -.5 | -.6 | -.5 | -.5 | -.4 | -.3 | .0 | .1 | -.1 | .8 | .1 | 2.4 |
| 5 | .5 | .0 | .1 | .4 | .7 | 1.0 | .1 | -.4 | -.5 | -.4 | -.5 | -.5 | -.6 | -.6 | -.6 | -.6 | -.6 | -.5 | -.4 | -.2 | .1 | .0 | .2 | .4 | -.1 | 1.0 |
| 6 | .6 | .1 | -.2 | .2 | .9 | .9 | .1 | -.5 | -.4 | -.5 | -.6 | -.6 | -.7 | -.6 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | -.1 | .9 |
| 7 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | -.4 | -.5 | -.5 | -.5 | -.4 | -.3 | -.2 | -.2 | -.3 | .1 | -.3 | .1 |
| 8 | .5 | .0 | .8 | 1.0 | .9 | .9 | .1 | -.4 | -.5 | -.5 | -.6 | -.7 | -.7 | -.7 | -.7 | -.7 | -.6 | -.6 | -.6 | -.5 | -.3 | -.1 | -.1 | -.4 | -.2 | 1.0 |
| 9 | .2 | .1 | .2 | .7 | .1 | .5 | .2 | -.6 | -.5 | -.5 | -.6 | -.8 | -.8 | -.6 | -.6 | -.7 | -.6 | -.5 | -.5 | -.4 | .1 | .2 | .0 | .5 | -.2 | .7 |
| 10 | -.1 | -.2 | -.2 | .4 | .9 | 1.5 | -.3 | -.6 | -.6 | -.7 | -.6 | -.7 | -.7 | -.7 | -.7 | -.6 | -.5 | -.5 | -.5 | -.5 | -.5 | -.5 | -.5 | -.5 | -.3 | 1.5 |
| 11 | -.1 | -.1 | .0 | -.2 | -.2 | -.3 | -.5 | -.5 | -.6 | -.7 | -.7 | -.7 | -.7 | -.7 | -.7 | -.6 | -.6 | -.5 | -.5 | -.6 | -.5 | -.5 | -.5 | -.4 | -.5 | .0 |
| 12 | -.4 | -.5 | .0 | -.1 | -.1 | -.2 | -.5 | -.5 | -.4 | -.5 | -.5 | -.6 | -.5 | -.6 | -.6 | -.7 | -.5 | -.5 | -.6 | -.5 | -.5 | -.5 | -.3 | -.2 | -.4 | .0 |
| 13 | -.2 | -.4 | -.3 | -.2 | .3 | -.3 | -.5 | -.5 | -.6 | -.6 | -.6 | -.6 | -.7 | -.7 | -.6 | -.6 | -.6 | -.6 | -.5 | -.6 | -.6 | -.6 | -.6 | -.6 | -.5 | .3 |
| 14 | -.6 | -.4 | -.3 | -.4 | -.5 | -.5 | -.5 | -.6 | -.5 | -.5 | -.6 | -.6 | -.6 | -.6 | -.6 | -.6 | -.6 | -.5 | -.6 | -.5 | -.4 | -.3 | .0 | .0 | -.5 | .0 |
| 15 | .1 | .1 | -.2 | -.2 | -.2 | .2 | -.4 | -.5 | -.4 | -.4 | -.4 | -.6 | -.8 | -.8 | -.7 | -.6 | -.6 | -.4 | -.4 | -.5 | -.4 | -.3 | -.4 | -.3 | -.4 | .2 |
| 16 | -.3 | -.4 | -.1 | .4 | .2 | .0 | .8 | .5 | -.1 | -.5 | -.5 | -.6 | -.8 | -.7 | -.7 | -.7 | -.6 | -.6 | -.5 | -.5 | -.5 | -.3 | -.4 | -.6 | -.3 | .8 |
| 17 | -.5 | -.3 | -.2 | .1 | -.2 | -.1 | -.3 | -.5 | -.5 | -.3 | -.5 | -.6 | -.6 | -.5 | -.6 | -.6 | -.5 | -.5 | -.6 | -.6 | -.4 | -.3 | -.5 | -.3 | -.4 | .1 |
| 18 | -.1 | .2 | .0 | .0 | .2 | .1 | -.5 | -.4 | -.5 | -.5 | -.5 | -.7 | -.7 | -.7 | -.7 | -.6 | -.5 | -.5 | -.5 | -.5 | -.5 | -.5 | -.4 | -.3 | -.4 | .2 |
| 19 | .5 | .2 | -.1 | .2 | -.1 | .2 | -.6 | -.6 | -.6 | -.5 | -.6 | -.7 | -.7 | -.6 | -.5 | -.7 | -.6 | -.6 | -.5 | -.3 | .0 | .4 | .8 | 1.7 | -.2 | 1.7 |
| 20 | 1.6 | 2.2 | 2.0 | 1.0 | .9 | 1.2 | .3 | -.6 | -.6 | -.6 | -.6 | -.7 | -.7 | -.8 | -.7 | -.8 | -.7 | -.6 | -.6 | -.5 | -.5 | -.5 | -.3 | -.1 | .0 | 2.2 |
| 21 | -.1 | -.1 | .1 | .6 | 1.2 | 2.1 | .8 | -.3 | -.5 | -.6 | -.7 | -.7 | -.8 | -.6 | -.8 | -.8 | -.7 | -.7 | -.6 | -.5 | -.4 | -.4 | -.6 | -.6 | -.2 | 2.1 |
| 22 | -.5 | -.5 | -.6 | -.7 | -.6 | -.5 | -.3 | -.1 | .0 | -.1 | -.1 | .1 | .0 | -.2 | -.3 | -.4 | -.3 | .0 | .0 | .0 | -.1 | .0 | -.2 | .1 | -.2 | .1 |
| 23 | .3 | .1 | -.1 | -.1 | .0 | -.1 | -.3 | -.3 | -.3 | -.3 | -.3 | -.3 | -.3 | -.4 | -.5 | -.5 | -.5 | -.4 | -.4 | -.4 | -.4 | -.2 | .2 | 1.2 | -.2 | 1.2 |
| 24 | .6 | .3 | .3 | .2 | .5 | .2 | -.4 | -.4 | -.4 | -.3 | -.4 | -.5 | -.4 | -.4 | -.5 | -.3 | -.4 | -.5 | -.4 | -.4 | -.3 | -.2 | -.2 | -.1 | -.2 | .6 |
| 25 | -.1 | .1 | .7 | 1.1 | 1.6 | 1.4 | -.3 | -.4 | -.3 | -.3 | -.6 | -.5 | -.5 | -.6 | -.5 | -.5 | -.5 | -.5 | -.4 | -.3 | -.3 | .0 | -.1 | .1 | -.1 | 1.6 |
| 26 | .9 | .8 | .8 | 1.4 | 1.4 | 1.5 | .4 | -.4 | -.5 | -.4 | -.5 | -.6 | -.6 | -.6 | -.5 | -.5 | -.5 | -.4 | -.4 | -.3 | .1 | 1.1 | .4 | -.1 | .1 | 1.5 |
| 27 | .1 | .2 | .2 | .4 | .4 | .4 | -.2 | -.3 | -.4 | -.2 | -.3 | -.3 | -.5 | -.7 | -.4 | -.6 | -.5 | -.4 | -.5 | -.3 | .1 | 1.4 | .3 | .1 | -.1 | 1.4 |
| 28 | .5 | .2 | .3 | 1.4 | .4 | .4 | .1 | -.3 | -.4 | -.4 | -.4 | -.5 | -.4 | -.5 | -.4 | -.6 | -.5 | -.4 | -.4 | .0 | .3 | 1.0 | .2 | .7 | .0 | 1.4 |
| 29 | .7 | 1.1 | 1.6 | 1.1 | 1.4 | .5 | -.1 | -.5 | -.5 | -.4 | -.5 | -.5 | -.5 | -.5 | -.5 | -.5 | -.4 | -.5 | -.4 | -.5 | -.4 | -.4 | -.4 | -.4 | -.1 | 1.6 |
| 30 | -.4 | -.4 | -.2 | -.3 | .4 | 1.4 | .4 | -.4 | -.5 | -.5 | -.5 | -.5 | -.7 | -.6 | -.6 | -.7 | -.6 | -.6 | -.2 | -.1 | .1 | .0 | .3 | .5 | -.2 | 1.4 |
| 31 | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] |
| AV | .2 | .1 | .2 | .4 | .5 | .7 | .0 | -.4 | -.4 | -.4 | -.5 | -.6 | -.6 | -.6 | -.6 | -.6 | -.5 | -.5 | -.4 | -.4 | -.2 | .0 | -.1 | .1 | -.2 | [ ] |
| SD | .5 | .6 | .6 | .6 | .6 | .8 | .4 | .2 | .2 | .1 | .2 | .2 | .2 | .1 | .1 | .1 | .1 | .1 | .1 | .2 | .3 | .5 | .4 | .6 | .2 | [ ] |

OUTPT [VERSION N 28 JUL 76]

DELTA T (30M-10M)
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JULY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | .1 | -.3 | .0 | .0 | .0 | -.1 | -.3 | -.2 | -.4 | -.4 | -.4 | -.5 | .0 | .1 | .1 | .0 | -.1 | .0 | .0 | .2 | .3 | .6 | .5 | 1.5 | .0 | 1.5 |
| 2 | 1.7 | .4 | .2 | .2 | .3 | .9 | .3 | .1 | .0 | .3 | .2 | .0 | -.1 | .0 | -.2 | -.2 | -.2 | -.1 | .0 | .2 | .8 | .3 | .9 | 1.4 | .3 | 1.7 |
| 3 | .7 | .2 | .6 | 1.1 | .4 | .8 | .2 | .1 | .1 | .2 | -.1 | .0 | -.1 | .0 | -.1 | -.2 | -.1 | -.1 | .0 | .2 | 1.1 | 1.1 | .9 | 1.0 | .3 | 1.1 |
| 4 | 1.1 | 1.0 | 1.1 | .8 | .7 | 1.1 | .5 | .1 | .1 | .2 | .1 | -.1 | -.2 | -.1 | .0 | -.1 | -.2 | -.1 | -.1 | .2 | 1.4 | 1.2 | 1.0 | 1.0 | .4 | 1.4 |
| 5 | .9 | 1.1 | .7 | .7 | 1.1 | .9 | .2 | .1 | .0 | .1 | -.1 | .0 | -.2 | -.1 | -.1 | -.3 | -.1 | -.1 | -.1 | .1 | 1.1 | 1.1 | .6 | .5 | .3 | 1.1 |
| 6 | .9 | .9 | .8 | .2 | .7 | .9 | .2 | .0 | .0 | -.1 | .0 | .0 | -.1 | -.1 | -.2 | -.2 | -.2 | -.2 | -.1 | .0 | .2 | .4 | 1.0 | .4 | .2 | 1.0 |
| 7 | 1.1 | 1.3 | .8 | .4 | .9 | 1.2 | .7 | .0 | -.1 | .0 | .0 | -.2 | -.3 | -.2 | -.1 | -.1 | -.2 | -.1 | -.1 | .0 | -.1 | .1 | .0 | .0 | .2 | 1.3 |
| 8 | .0 | .4 | .6 | 1.6 | 2.2 | 2.1 | .7 | .0 | .1 | -.1 | .0 | -.1 | -.2 | -.2 | -.1 | -.2 | -.3 | -.1 | -.1 | .0 | .1 | .0 | .1 | .4 | .3 | 2.2 |
| 9 | 1.3 | 1.5 | .4 | .6 | 1.4 | 1.2 | .5 | .1 | .0 | .0 | -.1 | -.1 | -.1 | -.3 | -.2 | -.2 | -.2 | -.1 | -.1 | .1 | .3 | .1 | .2 | .3 | .3 | 1.5 |
| 10 | .3 | .3 | .4 | .8 | 1.3 | 1.4 | .5 | .1 | .0 | .1 | .1 | .0 | -.1 | -.1 | -.1 | -.2 | -.2 | -.1 | -.1 | .1 | .1 | .1 | .2 | .2 | .2 | 1.4 |
| 11 | 1.2 | 1.7 | 1.8 | .7 | .6 | .6 | .2 | .0 | .1 | .1 | .0 | .0 | .0 | -.1 | -.1 | -.4 | -.5 | -.4 | -.4 | -.3 | -.1 | .0 | .0 | .0 | .2 | 1.8 |
| 12 | -.3 | -.2 | -.2 | -.3 | -.3 | .1 | .1 | -.4 | -.4 | -.5 | -.4 | -.3 | -.4 | -.7 | -.4 | -.4 | -.4 | -.4 | -.4 | -.4 | -.3 | -.2 | -.1 | .2 | -.3 | .2 |
| 13 | -.4 | -.2 | .1 | .6 | -.5 | .2 | -.4 | -.4 | -.3 | -.4 | -.6 | -.5 | -.4 | -.6 | -.5 | -.6 | -.6 | -.5 | -.5 | -.4 | .2 | .4 | .3 | .9 | -.2 | .9 |
| 14 | .1 | .3 | .9 | .7 | .5 | .2 | -.4 | -.4 | -.3 | -.4 | -.5 | -.7 | -.5 | -.6 | -.6 | -.6 | -.6 | -.6 | -.5 | -.4 | .4 | .9 | -.2 | .3 | -.1 | .9 |
| 15 | .1 | .0 | -.1 | -.2 | .3 | .0 | -.5 | -.5 | -.5 | -.6 | -.6 | -.5 | -.8 | -.5 | -.6 | -.4 | -.6 | -.5 | -.4 | -.4 | .3 | 1.6 | .4 | .0 | -.2 | 1.6 |
| 16 | -.2 | -.1 | .6 | .8 | 1.0 | 1.0 | .2 | -.4 | -.5 | -.6 | -.4 | -.6 | -.7 | -.5 | -.5 | -.6 | -.6 | -.6 | -.4 | -.2 | .3 | .0 | -.2 | -.4 | -.2 | 1.0 |
| 17 | -.2 | .0 | .0 | .5 | 1.2 | .8 | .0 | -.5 | -.5 | -.5 | -.7 | -.6 | -.5 | -.4 | -.5 | -.5 | -.5 | -.6 | -.4 | -.3 | .0 | -.3 | -.3 | -.4 | -.2 | 1.2 |
| 18 | -.4 | -.4 | -.4 | -.3 | -.2 | .0 | -.3 | -.6 | -.5 | -.4 | -.4 | -.3 | .0 | -.1 | -.2 | -.1 | -.2 | -.5 | -.5 | -.5 | -.5 | -.5 | -.4 | -.2 | -.3 | .0 |
| 19 | -.2 | -.3 | -.3 | -.3 | -.4 | -.1 | -.3 | -.5 | -.4 | -.4 | -.5 | -.4 | -.4 | -.4 | -.6 | -.6 | -.6 | -.6 | -.2 | .0 | .0 | .0 | .2 | -.1 | -.3 | .2 |
| 20 | -.1 | -.1 | .1 | .0 | .3 | .0 | -.2 | -.3 | -.3 | -.3 | -.1 | -.1 | -.3 | -.5 | -.4 | -.2 | .2 | .1 | .1 | .2 | .4 | .6 | .7 | .8 | .0 | .8 |
| 21 | .8 | .9 | .8 | .7 | .6 | .7 | .3 | .1 | .2 | .2 | .1 | .1 | .1 | .0 | .1 | .0 | -.2 | .0 | .0 | .2 | .5 | .7 | 1.1 | .4 | .4 | 1.1 |
| 22 | .5 | 1.0 | 1.0 | 1.1 | .7 | .7 | .3 | .2 | .1 | .2 | .1 | -.1 | .0 | -.1 | -.1 | -.1 | -.1 | .0 | .0 | .2 | .5 | 2.3 | .8 | .9 | .4 | 2.3 |
| 23 | .7 | 1.4 | 1.3 | .8 | .6 | .7 | .5 | .1 | .2 | .0 | [PF] | [PF] | .1 | -.2 | -.1 | -.2 | -.2 | .0 | .0 | .2 | .9 | .5 | .1 | .1 | .3 | 1.4 |
| 24 | .2 | .5 | 1.4 | 1.8 | 2.2 | 1.6 | .5 | .1 | .0 | .0 | -.1 | -.2 | .0 | -.1 | .0 | -.1 | -.1 | -.1 | .0 | .1 | .3 | .1 | .2 | .3 | .4 | 2.2 |
| 25 | .2 | .2 | .7 | .5 | .2 | .2 | .5 | .0 | .0 | .0 | .0 | -.1 | -.1 | -.2 | -.1 | .0 | .0 | .0 | .1 | .2 | .2 | .5 | .4 | .4 | .2 | .7 |
| 26 | .5 | .6 | .7 | .5 | .7 | .4 | .3 | .2 | .2 | .3 | .2 | .2 | .0 | -.1 | -.2 | -.2 | -.1 | -.1 | .0 | .1 | .1 | .1 | .2 | .2 | .2 | .7 |
| 27 | .1 | .1 | .3 | .7 | .8 | 1.0 | .6 | .1 | .1 | .1 | .0 | .1 | -.2 | -.1 | -.2 | .0 | -.1 | -.2 | -.1 | .1 | 1.1 | 1.3 | .2 | .9 | .3 | 1.3 |
| 28 | .6 | .3 | .8 | .3 | .9 | .5 | .2 | .0 | .0 | .0 | .0 | -.1 | -.2 | -.3 | -.4 | -.4 | -.2 | -.1 | -.1 | .0 | .3 | .4 | .3 | .5 | .1 | .9 |
| 29 | .4 | .3 | .5 | .4 | .4 | .4 | .2 | -.1 | .1 | .1 | .0 | .0 | -.1 | .0 | -.2 | -.4 | -.4 | -.1 | -.1 | .1 | .2 | .3 | .0 | -.1 | .1 | .5 |
| 30 | .0 | .1 | .3 | .1 | .8 | .9 | .2 | .0 | .0 | -.1 | -.1 | -.2 | -.2 | -.2 | -.1 | -.3 | -.2 | -.3 | .0 | .4 | .2 | .1 | .0 | .0 | .1 | .9 |
| 31 | .1 | .1 | .1 | .0 | .1 | .2 | .0 | .0 | .0 | -.1 | -.2 | -.1 | -.2 | -.1 | .0 | -.2 | -.2 | -.1 | -.1 | -.1 | .0 | .0 | .2 | .3 | .0 | .3 |
| AV | .4 | .4 | .5 | .5 | .7 | .7 | .2 | -.1 | -.1 | -.1 | -.2 | -.2 | -.2 | -.2 | -.2 | -.3 | -.3 | -.2 | -.1 | .0 | .3 | .4 | .3 | .4 | .1 | [ ] |
| SD | .5 | .6 | .5 | .5 | .6 | .5 | .3 | .2 | .2 | .3 | .3 | .2 | .2 | .2 | .2 | .2 | .2 | .2 | .2 | .2 | .4 | .6 | .4 | .5 | .2 | [ ] |

OUTPT [VERSION N 28 JUL 76]

SIGMA THETA
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MAY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 4 | 4 | 3 | 2 | 3 | 3 | 5 | 25 | 14 | 15 | 28 | 19 | 14 | 17 | 14 | 14 | 24 | 10 | 9 | 4 | 5 | 9 | 7 | 5 | 11 | 28 |
| 2 | 4 | 4 | 4 | 4 | 3 | 5 | 6 | 17 | 29 | 23 | 18 | 22 | 16 | 19 | 16 | 21 | 23 | 24 | 8 | 5 | 4 | 5 | 4 | 4 | 12 | 29 |
| 3 | 3 | 4 | 4 | 4 | 4 | 5 | 8 | 10 | 13 | 16 | 21 | 20 | 13 | 17 | 11 | 9 | 20 | 13 | 8 | 5 | 3 | 6 | 9 | 7 | 10 | 21 |
| 4 | 9 | 7 | 6 | 6 | 6 | 7 | 7 | 6 | 8 | 8 | 7 | 8 | 10 | 11 | 11 | 9 | 6 | 7 | 8 | 6 | 4 | 5 | 4 | 4 | 7 | 11 |
| 5 | 4 | 5 | 4 | 4 | 5 | 3 | 4 | 9 | 11 | 16 | 15 | 15 | 11 | 8 | 11 | 10 | 8 | 7 | 7 | 6 | 4 | 6 | 6 | 6 | 8 | 16 |
| 6 | 5 | 5 | 7 | 6 | 5 | 7 | 7 | 7 | 9 | 9 | 7 | 5 | 7 | 8 | 13 | 7 | 6 | 5 | 7 | 5 | 8 | 8 | 7 | 6 | 7 | 13 |
| 7 | 4 | 3 | 4 | 4 | 4 | 6 | 3 | 5 | 6 | 9 | 8 | 8 | 8 | 8 | 10 | 10 | 10 | 10 | 8 | 8 | 4 | 4 | 4 | 4 | 6 | 10 |
| 8 | 7 | 9 | 7 | 6 | 5 | 5 | 4 | 5 | 5 | 6 | 7 | 8 | 12 | 15 | 15 | 10 | 10 | 9 | 6 | 7 | 6 | 7 | 6 | 5 | 8 | 15 |
| 9 | 11 | 6 | 5 | 7 | 8 | 6 | 10 | 10 | 13 | 15 | 12 | 13 | 15 | 15 | 15 | 12 | 9 | 6 | 7 | 6 | 5 | 6 | 6 | 5 | 9 | 15 |
| 10 | 5 | 4 | 3 | 4 | 5 | 4 | 6 | 11 | 12 | 12 | 15 | 18 | 17 | 15 | 8 | 12 | 12 | 10 | 7 | 4 | 4 | 6 | 4 | 8 | 9 | 18 |
| 11 | 7 | 4 | 6 | 6 | 4 | 7 | 7 | 6 | 8 | 11 | 10 | 7 | 8 | 11 | 9 | 7 | 5 | 5 | 5 | 5 | 5 | 7 | 5 | 4 | 7 | 11 |
| 12 | 5 | 4 | 4 | 5 | 4 | 4 | 5 | 8 | 10 | 11 | 8 | 8 | 8 | 10 | 10 | 10 | 12 | 8 | 6 | 5 | 4 | 5 | 4 | 6 | 7 | 12 |
| 13 | 5 | 6 | 4 | 4 | 3 | 4 | 5 | 9 | 15 | 14 | 15 | 15 | 15 | 13 | 14 | 15 | 16 | 12 | 7 | 5 | 4 | 4 | 4 | 4 | 9 | 16 |
| 14 | 5 | 4 | 3 | 4 | 7 | 6 | 3 | 5 | 9 | 13 | 13 | 15 | 14 | 15 | 16 | 16 | 10 | 8 | 7 | 5 | 3 | 4 | 3 | 6 | 8 | 16 |
| 15 | 10 | 6 | 5 | 5 | 4 | 4 | 5 | 5 | 6 | 7 | 8 | 10 | 8 | 7 | 6 | 6 | 6 | 6 | 6 | 5 | 5 | 5 | 6 | 9 | 6 | 10 |
| 16 | 10 | 9 | 8 | 12 | 8 | 7 | 5 | 8 | 12 | 12 | 14 | 13 | 11 | 13 | 14 | 13 | 13 | 14 | 11 | 6 | 3 | 9 | 4 | 3 | 10 | 14 |
| 17 | 3 | 3 | 3 | 3 | 4 | 3 | 4 | 13 | 14 | 15 | 22 | 10 | 17 | 15 | 14 | 13 | 16 | 16 | 8 | 5 | 7 | 8 | 5 | 10 | 10 | 22 |
| 18 | 11 | 7 | 3 | 4 | 4 | 3 | 5 | 7 | 11 | 12 | 11 | 17 | 13 | 10 | 9 | 10 | 8 | 12 | 7 | 7 | 4 | 6 | 8 | 8 | 8 | 17 |
| 19 | 5 | 5 | 3 | 8 | 8 | 11 | 11 | 13 | 13 | 9 | 7 | 10 | 13 | 9 | 10 | 14 | 11 | 6 | 7 | 5 | 5 | 5 | 10 | 10 | 9 | 14 |
| 20 | 10 | 9 | 11 | 6 | 4 | 8 | 9 | 11 | 7 | 10 | 14 | 12 | 7 | 6 | 7 | 7 | 8 | 7 | 6 | 5 | 6 | 5 | 5 | 5 | 8 | 14 |
| 21 | 6 | 5 | 4 | 3 | 4 | 5 | 5 | 7 | 12 | 10 | 9 | 6 | 6 | 5 | 9 | 8 | 11 | 6 | 6 | 6 | 7 | 5 | 4 | 5 | 6 | 12 |
| 22 | 10 | 6 | 7 | 9 | 4 | 3 | 4 | 8 | 11 | 11 | 11 | 11 | 13 | 10 | 10 | 6 | 6 | 8 | 11 | 11 | 5 | 6 | 5 | 5 | 8 | 13 |
| 23 | 8 | 7 | 5 | 4 | 4 | 5 | 6 | 11 | 10 | 14 | 15 | 12 | 13 | 14 | 16 | 15 | 12 | 14 | 7 | 5 | 5 | 5 | 5 | 6 | 9 | 16 |
| 24 | 7 | 8 | 7 | 7 | 10 | 6 | 10 | 9 | 13 | 16 | 14 | 11 | 10 | 10 | 9 | 11 | 9 | 7 | 6 | 6 | 4 | 5 | 4 | 5 | 9 | 16 |
| 25 | 5 | 4 | 3 | 3 | 4 | 6 | 9 | 13 | 14 | 16 | 12 | 12 | 8 | 7 | 8 | 6 | 11 | 11 | 7 | 5 | 4 | 3 | 4 | 4 | 7 | 16 |
| 26 | 5 | 5 | 5 | 5 | 3 | 4 | 6 | 12 | 13 | 14 | 17 | 15 | 15 | 14 | 14 | 12 | 14 | 16 | 11 | 5 | 4 | 9 | 5 | 4 | 9 | 17 |
| 27 | 4 | 5 | 3 | 3 | 2 | 3 | 5 | 9 | 12 | 12 | 15 | 16 | 14 | 11 | 9 | 9 | 8 | 9 | 8 | 11 | 11 | 4 | 2 | 4 | 8 | 16 |
| 28 | 6 | 8 | 6 | 5 | 7 | 3 | 6 | 10 | 14 | 16 | 12 | 7 | 9 | 10 | 12 | 11 | 11 | 8 | 8 | 6 | 4 | 3 | 6 | 5 | 8 | 16 |
| 29 | 7 | 4 | 5 | 5 | 3 | 4 | 5 | 8 | 9 | 10 | 11 | 13 | 10 | 13 | 10 | 9 | 7 | 6 | 5 | 5 | 4 | 4 | 5 | 5 | 7 | 13 |
| 30 | 3 | 4 | 4 | 5 | 3 | 4 | 5 | 8 | 9 | 11 | 10 | 13 | 13 | 10 | 12 | 14 | 13 | 10 | 9 | 5 | 5 | 5 | 9 | 7 | 8 | 14 |
| 31 | 4 | 4 | 6 | 3 | 3 | 5 | 6 | 8 | 10 | 12 | 13 | 15 | 18 | 14 | 13 | 14 | 10 | 7 | 5 | 5 | 5 | 3 | 4 | 4 | 8 | 18 |
| AV | 6 | 5 | 5 | 5 | 5 | 5 | 6 | 9 | 11 | 12 | 13 | 12 | 12 | 12 | 11 | 11 | 11 | 10 | 7 | 6 | 5 | 6 | 5 | 6 | 8 | [ ] |
| SD | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 4 | 4 | 3 | 5 | 4 | 3 | 3 | 3 | 3 | 5 | 4 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | [ ] |

OUTPT [VERSION N 28 JUL 76]

SIGMA THETA
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JUNE,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5 | 5 | 2 | 2 | 3 | 5 | 7 | 8 | 8 | 8 | 8 | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | 6 | 8 |
| 2 | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | 7 | 8 | 11 | 10 | 11 | 9 | 7 | 6 | 6 | 4 | 3 | 5 | 7 | 11 |
| 3 | 5 | 9 | 8 | 6 | 5 | 7 | 6 | 7 | 9 | 10 | 9 | 8 | 7 | 8 | 8 | 8 | 9 | 8 | 9 | 7 | 5 | 3 | 4 | 6 | 7 | 10 |
| 4 | 6 | 6 | 5 | 4 | 4 | 5 | 8 | 9 | 9 | 9 | 10 | 9 | 10 | 9 | 10 | 10 | 10 | 10 | 9 | 8 | 5 | 4 | 4 | 6 | 7 | 10 |
| 5 | 9 | 4 | 3 | 4 | 3 | 3 | 4 | 7 | 8 | 9 | 10 | 9 | 10 | 11 | 10 | 10 | 8 | 9 | 7 | 5 | 2 | 5 | 4 | 3 | 7 | 11 |
| 6 | 2 | 4 | 7 | 8 | 6 | 5 | 9 | 4 | 5 | 6 | 7 | 9 | 9 | 10 | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | 7 | 10 |
| 7 | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | 11 | 11 | 8 | 7 | 5 | 5 | 4 | 4 | 4 | 5 | 6 | 11 |
| 8 | 4 | 6 | 8 | 6 | 8 | 5 | 6 | 7 | 7 | 8 | 9 | 8 | 8 | 8 | 10 | 10 | 11 | 8 | 9 | 6 | 6 | 4 | 4 | 4 | 7 | 11 |
| 9 | 4 | 5 | 5 | 5 | 5 | 3 | 5 | 8 | 9 | 9 | 9 | 10 | 9 | 9 | 10 | 11 | 9 | 9 | 8 | 7 | 5 | 3 | 4 | 5 | 7 | 11 |
| 10 | 5 | 5 | 5 | 6 | 5 | 5 | 5 | 7 | 8 | 8 | 10 | 9 | 9 | 9 | 8 | 8 | 8 | 8 | 7 | 8 | 7 | 5 | 5 | 6 | 7 | 10 |
| 11 | 5 | 5 | 4 | 5 | 5 | 7 | 7 | 7 | 9 | 9 | 9 | 10 | 10 | 7 | 8 | 8 | 8 | 6 | 6 | 6 | 5 | 5 | 7 | 6 | 7 | 10 |
| 12 | 7 | 7 | 6 | 4 | 4 | 4 | 6 | 9 | 10 | 11 | 9 | 10 | 10 | 9 | 8 | 9 | 9 | 10 | 9 | 6 | 7 | 8 | 5 | 5 | 8 | 11 |
| 13 | 4 | 4 | 7 | 10 | 5 | 5 | 5 | 7 | 10 | 7 | 8 | 8 | 7 | 6 | 9 | 5 | 6 | 5 | 5 | 7 | 6 | 7 | 6 | 5 | 6 | 10 |
| 14 | 6 | 5 | 5 | 4 | 5 | 5 | 6 | 9 | 9 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 9 | 9 | 8 | 6 | 6 | 6 | 6 | 7 | 8 | 10 |
| 15 | 3 | 3 | 4 | 5 | 4 | 2 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 6 | 4 | 9 | 8 | 5 | 9 |
| 16 | 5 | 6 | 7 | 6 | 7 | 6 | 8 | 8 | 9 | 8 | 4 | 10 | 10 | 6 | 7 | 6 | 7 | 6 | 7 | 8 | 5 | 7 | 7 | 7 | 7 | 10 |
| 17 | 5 | 5 | 5 | 3 | 3 | 4 | 5 | 8 | 9 | 9 | 10 | 9 | 8 | 8 | 6 | 6 | 6 | 7 | 5 | 4 | 5 | 8 | 6 | 6 | 6 | 10 |
| 18 | 3 | 2 | 3 | 3 | 3 | 3 | 4 | 5 | 5 | 6 | 7 | 9 | 10 | 11 | 8 | 8 | 8 | 7 | 7 | 6 | 6 | 5 | 5 | 5 | 6 | 11 |
| 19 | 5 | 5 | 4 | 3 | 3 | 4 | 5 | 5 | 7 | 7 | 6 | 9 | 10 | 10 | 11 | 11 | 12 | 13 | 9 | 7 | 8 | 3 | 5 | 5 | 7 | 13 |
| 20 | 5 | 7 | 6 | 4 | 4 | 3 | 8 | 10 | 10 | 9 | 9 | 9 | 11 | 10 | 10 | 9 | 8 | 8 | 8 | 6 | 6 | 6 | 5 | 5 | 7 | 11 |
| 21 | 3 | 3 | 4 | 5 | 3 | 3 | 5 | 8 | 9 | 9 | 8 | 9 | 11 | 9 | 9 | 8 | 10 | 10 | 9 | 7 | 6 | 6 | 7 | 6 | 7 | 11 |
| 22 | 6 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 8 | 6 | 7 | 7 | 7 | 7 | 6 | 6 | 5 | 6 | 5 | 5 | 6 | 5 | 6 | 4 | 6 | 8 |
| 23 | 7 | 4 | 7 | 8 | 4 | 3 | 5 | 11 | 9 | 7 | 8 | 8 | 10 | 10 | 8 | 6 | 6 | 6 | 5 | 4 | 5 | 4 | 5 | 7 | 7 | 11 |
| 24 | 9 | 4 | 3 | 4 | 5 | 3 | 6 | 7 | 10 | 10 | 9 | 9 | 9 | 9 | 11 | 9 | 8 | 7 | 6 | 5 | 5 | 5 | 5 | 5 | 7 | 11 |
| 25 | 5 | 5 | 4 | 4 | 3 | 2 | 5 | 10 | 11 | 10 | 9 | 9 | 8 | 12 | 10 | 9 | 9 | 9 | 8 | 6 | 6 | 5 | 6 | 6 | 7 | 12 |
| 26 | 5 | 6 | 7 | 8 | 8 | 5 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 8 | 7 | 3 | 3 | 4 | 4 | 4 | 7 | 9 |
| 27 | 5 | 4 | 4 | 2 | 2 | 3 | 4 | 5 | 5 | 6 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 7 | 8 | 5 | 6 | 5 | 6 | 5 | 6 | 8 |
| 28 | 3 | 3 | 7 | 12 | 4 | 4 | 5 | 5 | 6 | 6 | 7 | 7 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 4 | 5 | 5 | 5 | 6 | 6 | 12 |
| 29 | 7 | 5 | 3 | 3 | 2 | 3 | 4 | 6 | 9 | 11 | 11 | 10 | 9 | 8 | 8 | 8 | 6 | 6 | 6 | 6 | 6 | 5 | 6 | 6 | 6 | 11 |
| 30 | 6 | 7 | 6 | 7 | 6 | 6 | 7 | 7 | 8 | 10 | 10 | 10 | 10 | 8 | 9 | 9 | 8 | 7 | 7 | 7 | 5 | 6 | 7 | 8 | 8 | 10 |
| 31 | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] |
| AV | 5 | 5 | 5 | 5 | 5 | 4 | 6 | 7 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 8 | 8 | 8 | 7 | 6 | 5 | 5 | 5 | 6 | 7 | [ ] |
| SD | 2 | 1 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 1 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | [ ] |

OUTPT (VERSION N 28 JUL 76)

SIGMA THETA
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JULY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 9 | 8 | 8 | 5 | 6 | 8 | 9 | 10 | 11 | 12 | 12 | 9 | 8 | 4 | 4 | 5 | 6 | 7 | 7 | 5 | 3 | 3 | 3 | 5 | 7 | 12 |
| 2 | 6 | 7 | 6 | 5 | 7 | 4 | 5 | 7 | 9 | 9 | 9 | 10 | 10 | 10 | 11 | 8 | 8 | 7 | 7 | 6 | 4 | 6 | 5 | 6 | 7 | 11 |
| 3 | 7 | 7 | 6 | 5 | 6 | 6 | 6 | 8 | 9 | 10 | 10 | 10 | 11 | 11 | 12 | 12 | 11 | 10 | 9 | 7 | 7 | 6 | 5 | 4 | 8 | 12 |
| 4 | 2 | 3 | 4 | 3 | 5 | 3 | 4 | 11 | 12 | 11 | 10 | 9 | 9 | 8 | 10 | 9 | 9 | 8 | 6 | 4 | 3 | 4 | 4 | 6 | 7 | 12 |
| 5 | 4 | 4 | 4 | 3 | 3 | 2 | 9 | 11 | 10 | 9 | 9 | 8 | 9 | 9 | 10 | 9 | 9 | 8 | 7 | 6 | 4 | 6 | 5 | 5 | 7 | 11 |
| 6 | 5 | 4 | 3 | 6 | 6 | 5 | 5 | 6 | 8 | 11 | 10 | 10 | 10 | 10 | 11 | 11 | 14 | 10 | 6 | 5 | 5 | 5 | 4 | 4 | 7 | 14 |
| 7 | 9 | 5 | 9 | 7 | 6 | 4 | 5 | 5 | 6 | 7 | 9 | 9 | 8 | 10 | 8 | 7 | 10 | 9 | 7 | 7 | 8 | 6 | 6 | 6 | 7 | 10 |
| 8 | 6 | 6 | 6 | 6 | 6 | 4 | 5 | 12 | 13 | 11 | 10 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 7 | 5 | 5 | 5 | 5 | 7 | 7 | 13 |
| 9 | 9 | 9 | 5 | 5 | 5 | 3 | 6 | 10 | 11 | 12 | 12 | 13 | 12 | 13 | 12 | 11 | 9 | 8 | 9 | 6 | 4 | 5 | 10 | 8 | 9 | 13 |
| 10 | 7 | 6 | 6 | 6 | 6 | 7 | 5 | 5 | 7 | 9 | 10 | 10 | 10 | 9 | 9 | 8 | 8 | 9 | 5 | 5 | 5 | 4 | 5 | 7 | 7 | 10 |
| 11 | 6 | 5 | 4 | 4 | 4 | 3 | 9 | 13 | 14 | 14 | 14 | 15 | 14 | 12 | 10 | 9 | 8 | 9 | 5 | 5 | 6 | 4 | 5 | 5 | 8 | 15 |
| 12 | 6 | 5 | 6 | 7 | 8 | 6 | 7 | 7 | 10 | 10 | 7 | 7 | 7 | 7 | 6 | 5 | 5 | 6 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 10 |
| 13 | 6 | 6 | 6 | 4 | 4 | 3 | 5 | 9 | 10 | 11 | 12 | 13 | 14 | 11 | 9 | 9 | 9 | 8 | 7 | 4 | 6 | 5 | 5 | 5 | 8 | 14 |
| 14 | 5 | 5 | 3 | 3 | 3 | 4 | 7 | 8 | 8 | 9 | 9 | 9 | 8 | 7 | 6 | 5 | 7 | 6 | 5 | 5 | 6 | 9 | 5 | 4 | 6 | 9 |
| 15 | 4 | 5 | 5 | 6 | 5 | 4 | 6 | 10 | 12 | 14 | 15 | 15 | 14 | 14 | 14 | 14 | 14 | 13 | 11 | 8 | 8 | 6 | 7 | 6 | 10 | 15 |
| 16 | 5 | 5 | 3 | 3 | 3 | 3 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 8 | 8 | 5 | 5 | 8 | 7 | 5 | 8 |
| 17 | 6 | 3 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 7 | 8 | 8 | 8 | 9 | 9 | 9 | 6 | 6 | 5 | 6 | 6 | 6 | 4 | 5 | 6 | 9 |
| 18 | 8 | 5 | 5 | 6 | 5 | 5 | 6 | 6 | 8 | 10 | 10 | 6 | 9 | 8 | 7 | 6 | 6 | 5 | 8 | 7 | 5 | 7 | 7 | 7 | 7 | 10 |
| 19 | 3 | 5 | 5 | 3 | 7 | 6 | 6 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 9 | 9 | 7 | 7 | 7 | 7 | 5 | 6 | 6 | 9 |
| 20 | 6 | 6 | 5 | 5 | 5 | 5 | 7 | 9 | 10 | 10 | 9 | 9 | 9 | 9 | 8 | 8 | 5 | 7 | 8 | 7 | 5 | 5 | 4 | 5 | 7 | 10 |
| 21 | 5 | 4 | 3 | 5 | 6 | 5 | 7 | 11 | 12 | 11 | 12 | 14 | 14 | 13 | 11 | 9 | 9 | 8 | 7 | 5 | 5 | 6 | 5 | 5 | 8 | 14 |
| 22 | 6 | 6 | 5 | 4 | 4 | 4 | 6 | 14 | 13 | 13 | 13 | 12 | 12 | 12 | 11 | 11 | 9 | 10 | 7 | 5 | 5 | 5 | 5 | 5 | 8 | 14 |
| 23 | 5 | 4 | 4 | 4 | 5 | 5 | 6 | 7 | 8 | 9 | [PF] | [PF] | 11 | 11 | 12 | 11 | 12 | 9 | 10 | 5 | 4 | 5 | 8 | 8 | 7 | 12 |
| 24 | 7 | 7 | 6 | 8 | 7 | 6 | 5 | 5 | 5 | 6 | 7 | 7 | 7 | 8 | 9 | 9 | 10 | 8 | 7 | 6 | 6 | 7 | 7 | 5 | 7 | 10 |
| 25 | 10 | 11 | 10 | 11 | 14 | 9 | 7 | 9 | 10 | 12 | 11 | 11 | 10 | 8 | 8 | 6 | 6 | 7 | 8 | 7 | 7 | 6 | 6 | 8 | 9 | 14 |
| 26 | 4 | 5 | 5 | 4 | 4 | 5 | 6 | 6 | 9 | 13 | 12 | 12 | 11 | 11 | 9 | 7 | 8 | 12 | 9 | 5 | 5 | 5 | 9 | 9 | 8 | 13 |
| 27 | 6 | 9 | 7 | 9 | 4 | 4 | 3 | 4 | 5 | 6 | 6 | 7 | 9 | 9 | 9 | 9 | 8 | 7 | 5 | 5 | 12 | 7 | 5 | 6 | 7 | 12 |
| 28 | 4 | 5 | 5 | 5 | 5 | 5 | 7 | 9 | 9 | 9 | 9 | 10 | 10 | 9 | 7 | 6 | 9 | 7 | 5 | 6 | 9 | 5 | 5 | 6 | 7 | 10 |
| 29 | 4 | 7 | 3 | 4 | 4 | 6 | 5 | 7 | 9 | 10 | 12 | 12 | 11 | 10 | 10 | 9 | 7 | 7 | 7 | 6 | 5 | 7 | 9 | 6 | 7 | 12 |
| 30 | 6 | 6 | 5 | 5 | 5 | 7 | 8 | 10 | 10 | 10 | 13 | 11 | 13 | 15 | 15 | 16 | 14 | 8 | 6 | 5 | 6 | 7 | 6 | 7 | 9 | 16 |
| 31 | 10 | 7 | 5 | 6 | 5 | 7 | 7 | 9 | 12 | 12 | 9 | 10 | 10 | 10 | 10 | 10 | 10 | 7 | 6 | 8 | 10 | 8 | 8 | 9 | 9 | 12 |
| AV | 6 | 6 | 5 | 5 | 5 | 5 | 6 | 8 | 9 | 10 | 10 | 10 | 10 | 10 | 9 | 9 | 9 | 8 | 7 | 6 | 6 | 6 | 6 | 6 | 7 | [ ] |
| SD | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 3 | 3 | 2 | 2 | 3 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 1 | 2 | 1 | 2 | 1 | 1 | [ ] |

OUTPT (VERSION N 28 JUL 76)

SIGMA W
(METERS/SECOND)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MAY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | .40 | .42 | .26 | .24 | .30 | .30 | .30 | .36 | .52 | .58 | .60 | .68 | .74 | .76 | .74 | .72 | .68 | .58 | .36 | .22 | .34 | .32 | .28 | .34 | .46 | .76 |
| 2 | .30 | .36 | .42 | .38 | .34 | .32 | .30 | .38 | .54 | .56 | .62 | .66 | .70 | .68 | .70 | .60 | .48 | .48 | .24 | .20 | .28 | .50 | .44 | .36 | .46 | .70 |
| 3 | .34 | .28 | .22 | .28 | .36 | .32 | .28 | .28 | .40 | .56 | .50 | .28 | .66 | .70 | .76 | .72 | .74 | .62 | .56 | .36 | .34 | .54 | .36 | .40 | .46 | .76 |
| 4 | .40 | .58 | .62 | .58 | .46 | .58 | .76 | .78 | .80 | .76 | .52 | .66 | .72 | .78 | .76 | .72 | .68 | .78 | .68 | .38 | .26 | .26 | .24 | .34 | .58 | .80 |
| 5 | .30 | .28 | .24 | .24 | .24 | .24 | .26 | .32 | .50 | .60 | .70 | .74 | .78 | .76 | .76 | .66 | .60 | .54 | .62 | .38 | .24 | .40 | .38 | .44 | .46 | .78 |
| 6 | .54 | .54 | .36 | .26 | .34 | .28 | .18 | .22 | .30 | .24 | .34 | .46 | .46 | .36 | .48 | .52 | .48 | .34 | .26 | .44 | .36 | .32 | .26 | .20 | .36 | .54 |
| 7 | .18 | .18 | .20 | .20 | .20 | .20 | .18 | .18 | .28 | .48 | .60 | .48 | .62 | .70 | .68 | .58 | .44 | .40 | .46 | .34 | .20 | .18 | .22 | .24 | .36 | .70 |
| 8 | .36 | .24 | .32 | .38 | .24 | .18 | .22 | .22 | .32 | .36 | .50 | .46 | .58 | .62 | .58 | .66 | .48 | .34 | .32 | .28 | .30 | .32 | .46 | .26 | .38 | .66 |
| 9 | .28 | .28 | .28 | .24 | .28 | .22 | .20 | .24 | .42 | .58 | .58 | .66 | .44 | .66 | .64 | .66 | .64 | .66 | .70 | .68 | .72 | .74 | .66 | .54 | .50 | .74 |
| 10 | .34 | .28 | .24 | .38 | .36 | .30 | .32 | .44 | .50 | .56 | .64 | .62 | .68 | .72 | .70 | .60 | .58 | .54 | .36 | .20 | .30 | .42 | .38 | .36 | .46 | .72 |
| 11 | .34 | .34 | .34 | .26 | .28 | .26 | .24 | .28 | .34 | .46 | .66 | .78 | .80 | .62 | .76 | .82 | .84 | .86 | .80 | .80 | .86 | .78 | .54 | .32 | .56 | .86 |
| 12 | .24 | .20 | .28 | .24 | .32 | .48 | .30 | .38 | .60 | .68 | .68 | .70 | .70 | .68 | .74 | .68 | .70 | .58 | .48 | .32 | .30 | .32 | .36 | .34 | .48 | .74 |
| 13 | .42 | .54 | .42 | .50 | .36 | .38 | .44 | .46 | .52 | .58 | .64 | .72 | .70 | .74 | .70 | .68 | .60 | .50 | .30 | .20 | .34 | .40 | .32 | .38 | .50 | .74 |
| 14 | .36 | .38 | .36 | .38 | .40 | .34 | .26 | .56 | .44 | .54 | .56 | .72 | .70 | .74 | .74 | .70 | .70 | .66 | .54 | .46 | .36 | .42 | .36 | .48 | .50 | .74 |
| 15 | .62 | .44 | .38 | .42 | .40 | .58 | .78 | .72 | .76 | .76 | .78 | .76 | .70 | .80 | .82 | .82 | .82 | .80 | .78 | .78 | .82 | .82 | .74 | .80 | .70 | .82 |
| 16 | .60 | .58 | .56 | .38 | .32 | .42 | .42 | .62 | .70 | .72 | .72 | .72 | .72 | .70 | .70 | .68 | .62 | .54 | .32 | .20 | .18 | .30 | .38 | .32 | .52 | .72 |
| 17 | .32 | .38 | .30 | .30 | .28 | .26 | .28 | .44 | .50 | .60 | .64 | .68 | .70 | .70 | .68 | .68 | .62 | .54 | .30 | .24 | .34 | .44 | .54 | .42 | .46 | .70 |
| 18 | .36 | .24 | .22 | .28 | .26 | .24 | .22 | .30 | .46 | .54 | .64 | .60 | .62 | .80 | .74 | .74 | .70 | .76 | .52 | .48 | .44 | .28 | .34 | .28 | .46 | .80 |
| 19 | .50 | .24 | .28 | .58 | .46 | .24 | .22 | .34 | .58 | .50 | .64 | .68 | .48 | .60 | .58 | .66 | .70 | .48 | .44 | .38 | .54 | .54 | .44 | .34 | .46 | .70 |
| 20 | .28 | .26 | .24 | .34 | .30 | .46 | .48 | .40 | .46 | .58 | .62 | .62 | .64 | .74 | .82 | .72 | .62 | .54 | .42 | .30 | .28 | .34 | .46 | .40 | .48 | .82 |
| 21 | .46 | .30 | .22 | .26 | .24 | .22 | .20 | .30 | .56 | .48 | .60 | .60 | .76 | .58 | .40 | .34 | .34 | .30 | .24 | .20 | .20 | .30 | .22 | .24 | .36 | .76 |
| 22 | .30 | .22 | .24 | .20 | .20 | .22 | .26 | .24 | .32 | .48 | .54 | .56 | .58 | .40 | .64 | .58 | .66 | .76 | .62 | .32 | .20 | .18 | .24 | .46 | .40 | .76 |
| 23 | .38 | .36 | .30 | .34 | .32 | .24 | .22 | .24 | .38 | .48 | .58 | .64 | .68 | .72 | .74 | .68 | .62 | .52 | .44 | .38 | .30 | .24 | .30 | .36 | .44 | .74 |
| 24 | .34 | .32 | .30 | .26 | .50 | .34 | .26 | .36 | .50 | .68 | .62 | .60 | .52 | .56 | .64 | .68 | .56 | .48 | .30 | .20 | .26 | .22 | .34 | .42 | .42 | .68 |
| 25 | .34 | .26 | .32 | .28 | .38 | .46 | .30 | .38 | .48 | .68 | .64 | .72 | .76 | .68 | .74 | .76 | .60 | .52 | .38 | .38 | .38 | .28 | .26 | .30 | .48 | .76 |
| 26 | .32 | .36 | .34 | .40 | .30 | .38 | .40 | .42 | .54 | .62 | .70 | .72 | .68 | .74 | .72 | .64 | .60 | .54 | .42 | .20 | .20 | .34 | .40 | .40 | .48 | .74 |
| 27 | .38 | .28 | .36 | .34 | .22 | .30 | .34 | .36 | .52 | .64 | .68 | .68 | .76 | .78 | .74 | .72 | .66 | .64 | .48 | .26 | .22 | .34 | .24 | .28 | .46 | .78 |
| 28 | .38 | .42 | .28 | .22 | .24 | .22 | .20 | .28 | .46 | .62 | .60 | .62 | .62 | .68 | .76 | .78 | .80 | .78 | .68 | .64 | .42 | .42 | .42 | .30 | .50 | .80 |
| 29 | .24 | .26 | .40 | .36 | .24 | .36 | .34 | .34 | .44 | .58 | .62 | .66 | .68 | .78 | .68 | .78 | .78 | .68 | .66 | .46 | .44 | .48 | .26 | .48 | .50 | .78 |
| 30 | .18 | .28 | .36 | .28 | .26 | .32 | .38 | .58 | .54 | .42 | .54 | .70 | .72 | .54 | .60 | .48 | .68 | .68 | .64 | .56 | .60 | .48 | .38 | .34 | .48 | .72 |
| 31 | .34 | .30 | .30 | .28 | .28 | .24 | .26 | .40 | .50 | .66 | .60 | .66 | .74 | .70 | .70 | .66 | .74 | .66 | .38 | .20 | .22 | .28 | .38 | .38 | .46 | .74 |
| AV | .36 | .34 | .32 | .32 | .32 | .32 | .32 | .38 | .48 | .56 | .60 | .64 | .66 | .68 | .70 | .66 | .64 | .58 | .48 | .36 | .36 | .40 | .38 | .38 | .46 | [ ] |
| SD | .10 | .11 | .09 | .10 | .08 | .10 | .14 | .14 | .12 | .11 | .08 | .10 | .09 | .10 | .09 | .10 | .11 | .14 | .16 | .17 | .17 | .16 | .12 | .11 | .07 | [ ] |

OUTPT [VERSION N 28 JUL 76]

SIGMA W
(METERS/SECOND)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JUNE,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 20/SEP/76 *
**********

**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | .38 | .26 | .26 | .24 | .24 | .20 | .22 | .44 | .56 | .60 | .68 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | .38 | .68 |
| 2 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | .76 | .80 | .82 | .82 | .78 | .66 | .70 | .52 | .44 | .30 | .30 | .24 | .60 | .82 |
| 3 | .38 | .46 | .28 | .22 | .22 | .24 | .22 | .40 | .46 | .72 | .84 | .84 | .84 | .82 | .78 | .82 | .80 | .80 | .74 | .58 | .44 | .30 | .34 | .34 | .54 | .84 |
| 4 | .28 | .36 | .28 | .26 | .22 | .22 | .22 | .34 | .50 | .62 | .76 | .82 | .82 | .80 | .80 | .78 | .74 | .72 | .66 | .50 | .40 | .40 | .44 | .32 | .52 | .82 |
| 5 | .34 | .34 | .42 | .32 | .28 | .28 | .26 | .34 | .48 | .60 | .66 | .74 | .76 | .80 | .82 | .76 | .72 | .68 | .66 | .48 | .28 | .36 | .36 | .32 | .50 | .82 |
| 6 | .28 | .40 | .50 | .42 | .28 | .28 | .20 | .36 | .56 | .68 | .80 | .82 | .82 | .80 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | .52 | .62 |
| 7 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | .60 | .70 | .70 | .70 | .66 | .52 | .38 | .44 | .42 | .38 | .56 | .70 |
| 8 | .32 | .24 | .24 | .24 | .26 | .22 | .26 | .30 | .72 | .74 | .80 | .88 | .84 | .84 | .80 | .76 | .80 | .74 | .68 | .64 | .44 | .34 | .28 | .22 | .52 | .88 |
| 9 | .30 | .38 | .40 | .34 | .36 | .24 | .26 | .38 | .52 | .64 | .74 | .84 | .84 | .80 | .80 | .80 | .78 | .78 | .72 | .60 | .38 | .30 | .44 | .46 | .54 | .84 |
| 10 | .44 | .44 | .50 | .44 | .34 | .30 | .52 | .68 | .82 | .84 | .84 | .86 | .84 | .86 | .86 | .88 | .86 | .86 | .82 | .76 | .72 | .56 | .58 | .38 | .66 | .88 |
| 11 | .22 | .34 | .34 | .40 | .42 | .42 | .40 | .58 | .76 | .80 | .80 | .82 | .82 | .76 | .78 | .78 | .76 | .82 | .80 | .74 | .46 | .40 | .58 | .54 | .60 | .82 |
| 12 | .40 | .34 | .32 | .26 | .30 | .38 | .54 | .50 | .66 | .72 | .80 | .80 | .78 | .80 | .78 | .74 | .70 | .64 | .70 | .46 | .52 | .38 | .36 | .22 | .54 | .80 |
| 13 | .24 | .46 | .50 | .28 | .24 | .34 | .46 | .40 | .46 | .56 | .56 | .66 | .68 | .66 | .62 | .60 | .74 | .82 | .64 | .50 | .50 | .58 | .46 | .54 | .52 | .82 |
| 14 | .54 | .48 | .58 | .36 | .50 | .52 | .52 | .60 | .66 | .70 | .76 | .78 | .72 | .72 | .72 | .72 | .72 | .64 | .62 | .72 | .54 | .38 | .24 | .26 | .58 | .78 |
| 15 | .28 | .30 | .38 | .38 | .34 | .24 | .34 | .52 | .58 | .62 | .68 | .74 | .74 | .74 | .72 | .72 | .70 | .62 | .44 | .50 | .62 | .46 | .36 | .32 | .52 | .74 |
| 16 | .30 | .34 | .26 | .24 | .26 | .26 | .26 | .30 | .38 | .42 | .38 | .48 | .60 | .72 | .72 | .80 | .84 | .82 | .68 | .76 | .80 | .56 | .70 | .78 | .52 | .84 |
| 17 | .60 | .34 | .28 | .20 | .24 | .28 | .24 | .34 | .40 | .56 | .64 | .72 | .70 | .62 | .62 | .70 | .58 | .48 | .52 | .48 | .40 | .38 | .50 | .34 | .46 | .72 |
| 18 | .24 | .22 | .28 | .28 | .26 | .28 | .30 | .42 | .56 | .66 | .74 | .78 | .82 | .80 | .76 | .74 | .66 | .62 | .64 | .68 | .72 | .68 | .46 | .28 | .54 | .82 |
| 19 | .26 | .24 | .38 | .30 | .30 | .28 | .26 | .38 | .56 | .62 | .66 | .68 | .72 | .74 | .72 | .66 | .66 | .52 | .38 | .26 | .28 | .24 | .22 | .20 | .44 | .74 |
| 20 | .22 | .22 | .22 | .24 | .26 | .24 | .24 | .38 | .48 | .66 | .70 | .76 | .80 | .84 | .82 | .80 | .80 | .74 | .76 | .74 | .74 | .76 | .52 | .34 | .56 | .84 |
| 21 | .28 | .30 | .38 | .24 | .24 | .26 | .22 | .32 | .46 | .60 | .76 | .80 | .80 | .80 | .78 | .80 | .78 | .74 | .70 | .66 | .58 | .52 | .70 | .70 | .56 | .80 |
| 22 | .60 | .64 | .78 | .84 | .88 | .72 | .66 | .72 | .76 | .68 | .66 | .30 | .26 | .20 | .24 | .18 | .18 | .20 | .18 | .16 | .16 | .16 | .18 | .16 | .44 | .88 |
| 23 | .16 | .16 | .16 | .16 | .16 | .16 | .16 | .20 | .18 | .18 | .18 | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | .16 | .20 |
| 24 | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [ ] | [ ] |
| 25 | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [ ] | [ ] |
| 26 | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | .34 | .72 | .70 | .78 | .70 | .60 | .46 | .30 | .24 | .28 | .34 | .46 | .50 | .78 |
| 27 | .48 | .36 | .30 | .24 | .28 | .28 | .26 | .36 | .48 | .60 | .64 | .70 | .72 | .74 | .74 | .70 | .66 | .66 | .50 | .46 | .52 | .34 | .40 | .48 | .50 | .74 |
| 28 | .36 | .36 | .24 | .24 | .26 | .26 | .22 | .32 | .42 | .60 | .66 | .70 | .72 | .68 | .72 | .70 | .56 | .52 | .44 | .26 | .20 | .30 | .40 | .32 | .44 | .72 |
| 29 | .30 | .24 | .24 | .24 | .26 | .28 | .30 | .38 | .52 | .56 | .64 | .66 | .72 | .74 | .72 | .66 | .58 | .56 | .66 | .76 | .72 | .72 | .68 | .76 | .54 | .76 |
| 30 | .58 | .52 | .56 | .46 | .30 | .24 | .24 | .38 | .64 | .72 | .74 | .78 | .82 | .78 | .78 | .82 | .84 | .62 | .42 | .50 | .38 | .38 | .34 | .40 | .56 | .84 |
| 31 | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] |
| AV | .36 | .34 | .36 | .32 | .30 | .30 | .32 | .42 | .54 | .62 | .68 | .74 | .74 | .74 | .72 | .72 | .70 | .66 | .60 | .54 | .48 | .42 | .42 | .40 | .52 | [ ] |
| SD | .12 | .11 | .13 | .13 | .13 | .11 | .13 | .12 | .14 | .12 | .14 | .13 | .14 | .12 | .12 | .13 | .13 | .14 | .15 | .17 | .17 | .15 | .14 | .16 | .09 | [ ] |

OUTPT (VERSION N 28 JUL 76)

SIGMA-W
(METERS/SECOND)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JULY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | .44 | .56 | .60 | .28 | .34 | .34 | .42 | .46 | .54 | .72 | .74 | .74 | .50 | .48 | .56 | .56 | .64 | .66 | .60 | .44 | .34 | .32 | .38 | .40 | .50 | .74 |
| 2 | .22 | .34 | .84 | .82 | .56 | .26 | .38 | .36 | .54 | .64 | .66 | .78 | .80 | .76 | .78 | .82 | .80 | .74 | .56 | .34 | .38 | .56 | .40 | .34 | .58 | .84 |
| 3 | .56 | .46 | .42 | .42 | .50 | .28 | .28 | .44 | .54 | .62 | .68 | .68 | .72 | .74 | .72 | .74 | .70 | .64 | .46 | .28 | .24 | .32 | .40 | .44 | .52 | .74 |
| 4 | .32 | .34 | .38 | .40 | .40 | .28 | .34 | .40 | .48 | .72 | .68 | .66 | .72 | .76 | .74 | .78 | .76 | .70 | .52 | .32 | .22 | .34 | .42 | .34 | .50 | .78 |
| 5 | .44 | .34 | .40 | .34 | .30 | .28 | .28 | .38 | .46 | .60 | .68 | .72 | .74 | .78 | .72 | .74 | .68 | .58 | .48 | .26 | .26 | .40 | .50 | .44 | .50 | .78 |
| 6 | .26 | .34 | .38 | .50 | .42 | .30 | .34 | .28 | .54 | .58 | .60 | .72 | .72 | .68 | .70 | .74 | .62 | .60 | .68 | .46 | .42 | .34 | .26 | .36 | .50 | .74 |
| 7 | .32 | .24 | .40 | .26 | .22 | .22 | .22 | .36 | .50 | .60 | .72 | .74 | .74 | .80 | .82 | .68 | .70 | .80 | .84 | .64 | .74 | .50 | .82 | .84 | .58 | .84 |
| 8 | .70 | .44 | .22 | .20 | .22 | .22 | .22 | .28 | .46 | .58 | .70 | .72 | .78 | .80 | .84 | .74 | .82 | .72 | .48 | .54 | .52 | .64 | .58 | .48 | .54 | .84 |
| 9 | .32 | .28 | .46 | .46 | .36 | .22 | .22 | .34 | .58 | .72 | .72 | .78 | .74 | .82 | .84 | .82 | .82 | .66 | .54 | .28 | .38 | .54 | .78 | .74 | .56 | .84 |
| 10 | .68 | .70 | .52 | .34 | .22 | .28 | .28 | .34 | .52 | .68 | .72 | .72 | .78 | .78 | .78 | .84 | .76 | .58 | .42 | .26 | .68 | .68 | .54 | .42 | .56 | .84 |
| 11 | .22 | .20 | .24 | .36 | .40 | .38 | .38 | .44 | .56 | .64 | .70 | .82 | .82 | .70 | .68 | .66 | .66 | .56 | .76 | .46 | .28 | .36 | .36 | .38 | .50 | .82 |
| 12 | .46 | .52 | .48 | .46 | .38 | .30 | .24 | .50 | .66 | .56 | .62 | .76 | .78 | .74 | .56 | .58 | .50 | .60 | .54 | .42 | .38 | .24 | .30 | .34 | .50 | .78 |
| 13 | .50 | .38 | .22 | .24 | .28 | .28 | .42 | .44 | .56 | .70 | .76 | .76 | .82 | .80 | .76 | .80 | .76 | .66 | .38 | .22 | .28 | .36 | .34 | .22 | .50 | .82 |
| 14 | .40 | .34 | .26 | .38 | .32 | .32 | .34 | .32 | .46 | .66 | .76 | .76 | .78 | .80 | .78 | .72 | .70 | .64 | .54 | .38 | .20 | .26 | .36 | .32 | .50 | .80 |
| 15 | .38 | .38 | .46 | .48 | .36 | .34 | .30 | .42 | .56 | .70 | .72 | .76 | .78 | .82 | .78 | .76 | .66 | .60 | .44 | .28 | .22 | .28 | .40 | .50 | .52 | .82 |
| 16 | .46 | .36 | .22 | .28 | .28 | .26 | .24 | .26 | .34 | .58 | .68 | .78 | .70 | .74 | .82 | .74 | .72 | .58 | .48 | .40 | .24 | .40 | .48 | .52 | .48 | .82 |
| 17 | .34 | .28 | .30 | .28 | .24 | .26 | .28 | .38 | .64 | .68 | .74 | .72 | .68 | .60 | .66 | .72 | .74 | .68 | .82 | .68 | .34 | .44 | .34 | .26 | .50 | .82 |
| 18 | .22 | .28 | .52 | .26 | .18 | .18 | .20 | .28 | .46 | .66 | .60 | .50 | .56 | .74 | .82 | .76 | .66 | .60 | .52 | .42 | .58 | .46 | .34 | .28 | .46 | .82 |
| 19 | .22 | .28 | .28 | .20 | .20 | .18 | .22 | .40 | .54 | .60 | .70 | .74 | .70 | .82 | .82 | .82 | .74 | .60 | .74 | .80 | .88 | .68 | .56 | .54 | .56 | .88 |
| 20 | .60 | .46 | .26 | .22 | .18 | .34 | .34 | .32 | .46 | .56 | .60 | .62 | .80 | .74 | .76 | .80 | .80 | .48 | .44 | .36 | .44 | .34 | .26 | .38 | .48 | .80 |
| 21 | .36 | .32 | .26 | .36 | .32 | .30 | .34 | .44 | .50 | .58 | .72 | .70 | .74 | .80 | .76 | .74 | .76 | .64 | .52 | .30 | .26 | .44 | .40 | .44 | .50 | .80 |
| 22 | .44 | .34 | .34 | .34 | .34 | .32 | .34 | .44 | .48 | .60 | .66 | .68 | .76 | .78 | .76 | .74 | .64 | .58 | .48 | .34 | .22 | .22 | .34 | .40 | .48 | .78 |
| 23 | .34 | .32 | .34 | .34 | .34 | .28 | .34 | .40 | .48 | .60 | (PF) | (PF) | .72 | .78 | .78 | .76 | .74 | .48 | .52 | .44 | .32 | .48 | .68 | .60 | .50 | .78 |
| 24 | .56 | .34 | .32 | .32 | .26 | .26 | .28 | .40 | .64 | .62 | .64 | .72 | .76 | .74 | .76 | .66 | .76 | .74 | .62 | .46 | .48 | .42 | .44 | .44 | .52 | .76 |
| 25 | .44 | .40 | .38 | .34 | .38 | .36 | .34 | .60 | .68 | .64 | .64 | .76 | .76 | .84 | .78 | .42 | .64 | .62 | .38 | .30 | .36 | .26 | .18 | .22 | .48 | .84 |
| 26 | .22 | .18 | .20 | .32 | .26 | .24 | .24 | .18 | .28 | .52 | .62 | .70 | .76 | .78 | .78 | .82 | .68 | .58 | .46 | .28 | .38 | .50 | .42 | .54 | .46 | .82 |
| 27 | .62 | .66 | .36 | .34 | .24 | .26 | .26 | .38 | .52 | .62 | .70 | .74 | .76 | .76 | .78 | .72 | .74 | .68 | .56 | .36 | .18 | .28 | .50 | .38 | .52 | .78 |
| 28 | .36 | .54 | .40 | .52 | .40 | .36 | .34 | .36 | .50 | .54 | .74 | .72 | .72 | .76 | .82 | .74 | .66 | .44 | .32 | .36 | .24 | .30 | .48 | .38 | .50 | .82 |
| 29 | .34 | .38 | .26 | .36 | .34 | .36 | .38 | .46 | .46 | .54 | .70 | .70 | .80 | .82 | .66 | .78 | .74 | .60 | .52 | .34 | .22 | .32 | .54 | .58 | .50 | .82 |
| 30 | .38 | .38 | .22 | .22 | .18 | .22 | .22 | .38 | .60 | .56 | .66 | .70 | .72 | .70 | .78 | .72 | .70 | .64 | .76 | .58 | .34 | .58 | .82 | .80 | .54 | .82 |
| 31 | .36 | .30 | .42 | .42 | .30 | .20 | .22 | .34 | .64 | .74 | .74 | .76 | .76 | .78 | .76 | .74 | .58 | .62 | .52 | .62 | .52 | .46 | .24 | .26 | .52 | .78 |
| AV | .40 | .38 | .36 | .36 | .32 | .28 | .30 | .38 | .52 | .62 | .68 | .72 | .74 | .76 | .76 | .74 | .70 | .62 | .54 | .40 | .38 | .42 | .44 | .44 | .52 | [ ] |
| SD | .13 | .12 | .13 | .12 | .09 | .05 | .06 | .08 | .08 | .06 | .05 | .06 | .07 | .07 | .07 | .08 | .07 | .08 | .13 | .14 | .17 | .13 | .16 | .15 | .03 | [ ] |

OUTPT [VERSION N 28 JUL 76]

NET SOLAR RADIATION
(LY./MIN.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MAY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | -.10 | -.10 | -.10 | -.10 | -.10 | -.10 | -.05 | .20 | .35 | .40 | .70 | .75 | .70 | .65 | .55 | .35 | .20 | .00 | -.15 | -.15 | -.15 | -.15 | -.20 | -.15 | .15 | .75 |
| 2 | -.10 | -.10 | -.10 | -.10 | -.10 | -.15 | -.05 | .15 | .40 | .40 | .70 | .65 | .65 | .60 | .45 | .20 | .15 | .00 | -.15 | -.10 | -.10 | -.15 | -.15 | -.15 | .10 | .70 |
| 3 | -.15 | -.15 | -.15 | -.15 | -.10 | -.10 | -.05 | .10 | .25 | .35 | .35 | .50 | .35 | .55 | .45 | .20 | .05 | .00 | -.10 | -.10 | -.10 | -.10 | -.10 | -.10 | .05 | .55 |
| 4 | -.10 | -.10 | -.10 | -.10 | -.10 | -.10 | -.05 | .15 | .40 | .50 | .50 | .35 | .55 | .50 | .45 | .30 | .10 | -.05 | -.05 | -.10 | -.10 | -.10 | -.10 | -.10 | .10 | .55 |
| 5 | -.10 | -.10 | -.10 | -.10 | -.10 | -.10 | -.05 | .15 | .35 | .40 | .70 | .65 | .75 | .60 | .55 | .25 | .05 | .00 | -.05 | -.10 | -.10 | -.05 | -.10 | -.10 | .15 | .75 |
| 6 | -.10 | -.10 | -.10 | -.05 | -.05 | -.05 | -.05 | .00 | .25 | .30 | .20 | .00 | .00 | .40 | .40 | .30 | .05 | .00 | -.05 | -.05 | -.05 | -.05 | -.05 | -.05 | .05 | .40 |
| 7 | -.05 | -.05 | -.05 | -.05 | -.05 | -.05 | .00 | .00 | .15 | .55 | .45 | .45 | .70 | .70 | .55 | .35 | .10 | .05 | -.05 | -.10 | -.10 | -.10 | -.10 | -.10 | .15 | .70 |
| 8 | -.05 | -.05 | -.05 | -.05 | -.05 | -.05 | -.05 | .00 | .10 | .30 | .25 | .20 | .90 | .80 | .75 | .15 | .00 | -.05 | -.05 | -.05 | -.05 | -.05 | -.05 | -.05 | .10 | .90 |
| 9 | -.05 | -.05 | -.05 | -.05 | -.10 | -.05 | .00 | .15 | .40 | .45 | .80 | .85 | .85 | .75 | .70 | .50 | .30 | .15 | .00 | -.10 | -.10 | -.10 | -.10 | -.10 | .20 | .85 |
| 10 | -.10 | -.10 | -.10 | -.10 | -.10 | -.05 | .00 | .20 | .45 | .45 | .60 | .70 | .75 | .65 | .45 | .30 | .30 | .10 | -.10 | -.10 | -.10 | -.10 | -.10 | -.10 | .15 | .75 |
| 11 | -.10 | -.10 | -.10 | -.10 | -.10 | -.05 | .10 | .15 | .35 | .35 | .60 | .55 | .20 | .40 | .45 | .45 | .30 | .05 | -.10 | -.15 | -.15 | -.15 | -.15 | -.15 | .10 | .60 |
| 12 | -.15 | -.15 | -.15 | -.15 | -.15 | -.10 | -.40 | .15 | .45 | .40 | .70 | .75 | .70 | .75 | .65 | .45 | .25 | .05 | -.10 | -.15 | -.15 | -.15 | -.15 | -.15 | .15 | .75 |
| 13 | -.10 | -.10 | -.10 | -.10 | -.10 | -.10 | -.05 | .15 | .50 | .30 | .75 | .75 | .75 | .65 | .60 | .40 | .25 | .05 | -.10 | -.15 | -.15 | -.10 | -.10 | -.10 | .15 | .75 |
| 14 | -.10 | -.10 | -.10 | -.10 | -.10 | -.05 | -.05 | .15 | .55 | .35 | .75 | .75 | .75 | .70 | .55 | .45 | .25 | .05 | -.15 | -.15 | -.15 | -.15 | -.10 | -.10 | .15 | .75 |
| 15 | -.10 | -.15 | -.10 | -.10 | -.10 | -.10 | .00 | .15 | .30 | .35 | .80 | .80 | .40 | .70 | .55 | .50 | .25 | .10 | -.10 | -.15 | -.15 | -.15 | -.15 | -.10 | .15 | .80 |
| 16 | -.15 | -.15 | -.15 | -.15 | -.10 | -.05 | -.05 | .15 | .55 | .40 | .80 | .80 | .75 | .65 | .60 | .40 | .25 | .05 | -.15 | -.15 | -.15 | -.15 | -.15 | -.15 | .15 | .80 |
| 17 | -.10 | -.10 | -.10 | -.10 | -.10 | -.05 | -.05 | .15 | .55 | .35 | .75 | .70 | .75 | .70 | .55 | .40 | .20 | .05 | -.10 | -.15 | -.15 | -.15 | -.15 | -.10 | .15 | .75 |
| 18 | -.10 | -.10 | -.10 | -.10 | -.10 | -.05 | -.05 | .15 | .50 | .35 | .75 | .65 | .70 | .70 | .55 | .35 | .10 | .00 | -.05 | -.10 | -.10 | -.10 | -.10 | -.10 | .15 | .75 |
| 19 | -.10 | -.05 | -.05 | -.10 | -.10 | -.05 | .00 | .20 | .35 | .30 | .40 | .25 | .00 | .00 | .15 | .00 | .05 | .00 | -.05 | -.05 | -.05 | -.10 | -.05 | -.05 | .05 | .40 |
| 20 | -.10 | -.05 | -.05 | -.05 | -.05 | -.05 | .00 | .05 | .25 | .30 | .55 | .20 | .05 | .60 | .60 | .35 | .15 | .05 | -.10 | -.10 | -.10 | -.10 | -.10 | -.10 | .10 | .60 |
| 21 | -.10 | -.05 | -.10 | -.10 | -.05 | -.05 | .00 | .20 | .30 | .15 | .10 | .05 | .05 | .10 | .10 | .30 | .15 | .00 | -.05 | -.05 | -.05 | -.05 | -.05 | -.05 | .05 | .30 |
| 22 | -.10 | -.05 | -.10 | -.05 | -.05 | .00 | .05 | .15 | .25 | .35 | .55 | .60 | .00 | .00 | .25 | .20 | .15 | .10 | -.05 | -.05 | -.05 | -.05 | -.05 | -.05 | .10 | .60 |
| 23 | -.10 | -.05 | -.05 | -.05 | -.05 | -.05 | .00 | .15 | .20 | .55 | .75 | .85 | .80 | .75 | .60 | .55 | .30 | .05 | -.05 | -.10 | -.10 | -.10 | -.05 | -.05 | .20 | .85 |
| 24 | -.10 | -.10 | -.05 | -.05 | -.10 | -.05 | .05 | .25 | .50 | .40 | .65 | .35 | .25 | .30 | .25 | .15 | -.05 | -.05 | -.05 | -.10 | -.10 | -.10 | -.10 | -.10 | .10 | .65 |
| 25 | -.10 | -.10 | -.10 | -.10 | -.10 | -.05 | .00 | .25 | .50 | .30 | .80 | .75 | .45 | .30 | .30 | -.05 | .20 | .10 | -.05 | -.15 | -.10 | -.10 | -.10 | -.10 | .10 | .80 |
| 26 | -.10 | -.10 | -.10 | -.10 | -.10 | -.05 | .00 | .20 | .50 | .30 | .75 | .80 | .75 | .70 | .60 | .40 | .25 | .05 | -.10 | -.15 | -.15 | -.15 | -.15 | -.10 | .15 | .80 |
| 27 | -.10 | -.10 | -.10 | -.10 | -.10 | -.05 | .00 | .20 | .55 | .35 | .75 | .65 | .70 | .65 | .55 | .45 | .20 | .10 | -.10 | -.15 | -.15 | -.15 | -.15 | -.15 | .15 | .75 |
| 28 | -.10 | -.10 | -.10 | -.10 | -.10 | -.05 | .10 | .25 | .45 | .35 | .30 | .60 | .55 | .50 | .45 | .50 | .25 | .05 | -.05 | -.15 | -.15 | -.15 | -.15 | -.10 | .15 | .60 |
| 29 | -.10 | -.10 | -.10 | -.10 | -.10 | -.05 | .00 | .20 | .40 | .40 | .40 | .60 | .70 | .45 | .35 | .00 | .10 | .10 | -.05 | -.10 | -.15 | -.10 | -.10 | -.10 | .10 | .70 |
| 30 | -.10 | -.10 | -.10 | -.10 | -.10 | -.05 | .00 | .25 | .20 | .20 | .40 | .75 | .55 | .40 | .15 | .05 | -.05 | -.05 | .00 | -.10 | -.10 | -.10 | -.10 | -.10 | .10 | .75 |
| 31 | -.10 | -.10 | -.10 | -.10 | -.10 | -.05 | .05 | .25 | .50 | .45 | .65 | .75 | .75 | .45 | .40 | .35 | .20 | .05 | -.10 | -.15 | -.15 | -.10 | -.10 | -.10 | .15 | .75 |
| AV | -.10 | -.10 | -.10 | -.10 | -.10 | -.05 | .00 | .15 | .40 | .35 | .60 | .60 | .55 | .55 | .45 | .30 | .15 | .05 | -.10 | -.10 | -.10 | -.10 | -.10 | -.10 | .10 | [ ] |
| SD | .02 | .03 | .03 | .03 | .02 | .03 | .08 | .07 | .13 | .08 | .20 | .23 | .28 | .21 | .16 | .16 | .10 | .05 | .04 | .04 | .04 | .03 | .04 | .03 | .04 | [ ] |

OUTPT [VERSION N 28 JUL 76]

NET SOLAR RADIATION
(LY./MIN.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JUNE,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | -.10 | -.10 | -.10 | -.10 | -.10 | -.05 | .05 | .25 | .50 | .40 | .70 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | .10 | .70 |
| 2 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | .80 | .75 | .65 | .50 | .30 | .05 | -.10 | -.15 | -.15 | -.15 | -.15 | -.10 | .20 | .80 |
| 3 | -.10 | -.10 | -.10 | -.10 | -.10 | -.05 | .00 | .20 | .50 | .60 | .55 | .60 | .30 | .30 | .30 | .50 | .35 | .10 | -.10 | -.15 | -.15 | -.15 | -.15 | -.10 | .10 | .60 |
| 4 | -.10 | -.10 | -.10 | -.10 | -.10 | -.05 | .00 | .20 | .50 | .50 | .70 | .85 | .85 | .65 | .65 | .55 | .30 | .10 | -.10 | -.20 | -.15 | -.15 | -.15 | -.10 | .20 | .85 |
| 5 | -.15 | -.15 | -.15 | -.15 | -.10 | -.05 | .05 | .20 | .50 | .50 | .70 | .80 | .85 | .75 | .65 | .50 | .30 | .05 | -.10 | -.20 | -.15 | -.15 | -.15 | -.10 | .20 | .85 |
| 6 | -.10 | -.15 | -.10 | -.10 | -.10 | -.05 | .05 | .35 | .55 | .50 | .65 | .85 | .45 | .45 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | .25 | .85 |
| 7 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | .40 | .30 | .10 | .15 | -.10 | -.15 | -.10 | -.10 | -.10 | -.10 | .05 | .40 |
| 8 | -.10 | -.10 | -.10 | -.10 | -.10 | -.05 | .05 | .25 | .60 | .65 | .45 | .85 | .85 | .45 | .25 | .55 | .35 | -.05 | -.05 | -.15 | -.15 | -.15 | -.15 | -.15 | .15 | .85 |
| 9 | -.15 | -.15 | -.15 | -.15 | -.15 | -.10 | .00 | .20 | .55 | .50 | .65 | .80 | .80 | .80 | .65 | .50 | .35 | .15 | -.10 | -.15 | -.15 | -.10 | -.10 | -.10 | .20 | .80 |
| 10 | -.10 | -.10 | -.10 | -.10 | -.10 | -.05 | .05 | .25 | .60 | .55 | .65 | .90 | .90 | .80 | .75 | .55 | .30 | .15 | -.10 | -.10 | -.10 | -.10 | -.10 | -.10 | .20 | .90 |
| 11 | -.10 | -.10 | -.10 | -.10 | -.10 | -.05 | .05 | .10 | .25 | .40 | .60 | .65 | .85 | .50 | .40 | .15 | .05 | -.05 | .00 | -.05 | -.05 | -.05 | -.05 | -.05 | .15 | .85 |
| 12 | -.10 | -.10 | -.10 | -.10 | -.10 | -.05 | .05 | .20 | .50 | .55 | .70 | .85 | .60 | .70 | .55 | .60 | .35 | .10 | -.05 | -.10 | -.10 | -.10 | -.05 | -.05 | .20 | .85 |
| 13 | -.10 | -.10 | -.10 | -.10 | -.10 | -.05 | .00 | .05 | .15 | .20 | .15 | .20 | .15 | .15 | .15 | .00 | .00 | .00 | -.05 | -.05 | -.05 | -.05 | -.05 | -.05 | .00 | .20 |
| 14 | -.10 | -.10 | -.10 | -.10 | -.10 | -.05 | .10 | .20 | .50 | .55 | .70 | .95 | 1.00 | .90 | .80 | .65 | .40 | .10 | -.10 | -.15 | -.10 | -.10 | -.10 | -.10 | .25 | 1.00 |
| 15 | -.10 | -.10 | -.10 | -.10 | -.10 | -.05 | .05 | .20 | .50 | .55 | .65 | .90 | .85 | .80 | .70 | .50 | .35 | .15 | -.10 | -.15 | -.15 | -.10 | -.10 | -.10 | .20 | .90 |
| 16 | -.10 | -.05 | -.10 | -.05 | -.05 | -.05 | .00 | .05 | .05 | .05 | .10 | .20 | .30 | .25 | .30 | .35 | .15 | .00 | -.05 | -.05 | -.05 | -.05 | -.05 | .15 | .05 | .35 |
| 17 | .05 | -.10 | -.10 | -.05 | -.05 | -.05 | .05 | .30 | .35 | .55 | .75 | .90 | .60 | .35 | .50 | .05 | -.05 | .05 | -.05 | -.10 | -.10 | -.10 | -.10 | -.10 | .15 | .90 |
| 18 | -.10 | -.10 | -.10 | -.10 | -.10 | .00 | .10 | .20 | .55 | .55 | .65 | .85 | .65 | .75 | .70 | .50 | .30 | .15 | -.10 | -.15 | -.10 | -.10 | -.10 | -.10 | .20 | .85 |
| 19 | -.10 | -.10 | -.10 | -.10 | -.10 | -.05 | .05 | .20 | .55 | .55 | .65 | .85 | .85 | .75 | .65 | .50 | .30 | .15 | -.05 | -.15 | -.10 | -.10 | -.10 | -.10 | .20 | .85 |
| 20 | -.10 | -.10 | -.10 | -.10 | -.10 | -.05 | .05 | .20 | .55 | .55 | .55 | .85 | .75 | .65 | .55 | .50 | .15 | .15 | -.05 | -.15 | -.15 | -.15 | -.15 | -.15 | .15 | .85 |
| 21 | -.10 | -.10 | -.10 | -.10 | -.10 | -.05 | .10 | .20 | .55 | .55 | .60 | .85 | .85 | .75 | .65 | .50 | .30 | .15 | -.10 | -.15 | -.15 | -.10 | -.10 | -.10 | .20 | .85 |
| 22 | -.10 | -.10 | -.10 | -.10 | -.05 | -.05 | -.05 | -.05 | .00 | .50 | .15 | .45 | .20 | .50 | .20 | .25 | .10 | -.05 | -.05 | -.10 | -.10 | -.10 | -.10 | -.10 | .05 | .50 |
| 23 | -.10 | -.05 | -.05 | -.05 | -.10 | -.05 | .05 | .15 | .55 | .55 | .60 | .75 | .70 | .65 | .25 | .40 | .35 | .10 | -.10 | -.15 | -.10 | -.10 | -.10 | -.10 | .15 | .75 |
| 24 | -.10 | -.10 | -.10 | -.10 | -.10 | -.05 | .05 | .15 | .50 | .50 | .55 | .65 | .65 | .60 | .50 | .35 | .25 | .10 | -.10 | -.15 | -.15 | -.15 | -.10 | -.10 | .15 | .65 |
| 25 | -.10 | -.10 | -.10 | -.10 | -.10 | -.05 | .05 | .15 | .50 | .45 | .45 | .55 | .65 | .55 | .55 | .25 | .05 | .05 | -.05 | -.15 | -.15 | -.10 | -.10 | -.10 | .15 | .65 |
| 26 | -.10 | -.10 | -.10 | -.10 | -.10 | -.05 | .05 | .15 | .50 | .45 | .50 | .60 | .60 | .55 | .50 | .35 | .15 | .05 | -.10 | -.15 | -.10 | -.10 | -.10 | -.10 | .15 | .60 |
| 27 | -.10 | -.10 | -.10 | -.10 | -.10 | -.05 | .05 | .15 | .50 | .45 | .50 | .65 | .60 | .55 | .45 | .35 | .15 | .05 | -.10 | -.15 | -.15 | -.10 | -.10 | -.10 | .15 | .65 |
| 28 | -.10 | -.10 | -.10 | -.10 | -.10 | -.05 | .05 | .15 | .50 | .40 | .50 | .65 | .60 | .55 | .45 | .35 | .15 | .00 | -.10 | -.15 | -.15 | -.10 | -.10 | -.10 | .15 | .65 |
| 29 | -.10 | -.10 | -.10 | -.10 | -.10 | -.05 | .05 | .15 | .50 | .40 | .50 | .65 | .55 | .55 | .35 | .15 | .15 | .15 | .10 | .00 | -.10 | -.15 | -.15 | -.15 | .15 | .65 |
| 30 | -.10 | -.10 | -.10 | -.10 | -.05 | -.05 | .05 | .15 | .45 | .35 | .45 | .65 | .60 | .40 | .45 | .20 | .00 | -.05 | -.05 | -.05 | -.05 | -.05 | -.05 | -.05 | .10 | .65 |
| 31 | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] |
| AV | -.10 | -.10 | -.10 | -.10 | -.10 | -.05 | .05 | .20 | .45 | .50 | .55 | .70 | .65 | .60 | .50 | .40 | .20 | .05 | -.05 | -.15 | -.10 | -.10 | -.10 | -.10 | .15 | [ ] |
| SD | .03 | .02 | .02 | .02 | .02 | .01 | .03 | .08 | .15 | .12 | .17 | .19 | .22 | .18 | .17 | .17 | .13 | .07 | .04 | .05 | .04 | .03 | .03 | .05 | .06 | [ ] |

OUTPT [VERSION N 28 JUL 76]

NET SOLAR RADIATION
(LY./MIN.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JULY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | -.05 | -.05 | -.05 | -.05 | -.05 | .00 | .05 | .15 | .45 | .45 | .50 | .05 | .65 | .40 | .20 | .35 | .20 | .05 | -.05 | -.10 | -.10 | -.10 | -.05 | -.10 | .10 | .65 |
| 2 | -.10 | -.10 | -.10 | -.10 | -.10 | -.05 | .05 | .10 | .40 | .45 | .45 | .65 | .65 | .55 | .50 | .30 | .20 | .05 | -.10 | -.15 | -.10 | -.10 | -.10 | -.10 | .15 | .65 |
| 3 | -.10 | -.10 | -.10 | -.10 | -.10 | -.05 | .05 | .15 | .45 | .45 | .50 | .65 | .60 | .55 | .45 | .35 | .15 | .05 | -.10 | -.15 | -.15 | -.10 | -.10 | -.10 | .15 | .65 |
| 4 | -.10 | -.10 | -.10 | -.10 | -.10 | -.05 | .05 | .15 | .45 | .45 | .50 | .65 | .60 | .55 | .45 | .35 | .15 | .05 | -.10 | -.15 | -.15 | -.10 | -.10 | -.10 | .15 | .65 |
| 5 | -.10 | -.10 | -.10 | -.10 | -.10 | -.05 | .05 | .15 | .40 | .45 | .50 | .65 | .60 | .55 | .45 | .35 | .15 | .05 | -.10 | -.15 | -.15 | -.10 | -.10 | -.10 | .15 | .65 |
| 6 | -.10 | -.10 | -.10 | -.10 | -.10 | -.05 | .00 | .10 | .35 | .45 | .45 | .60 | .60 | .55 | .20 | .35 | .00 | .00 | -.05 | -.10 | -.10 | -.10 | -.10 | -.10 | .10 | .60 |
| 7 | -.10 | -.10 | -.05 | -.05 | -.05 | -.05 | .00 | .15 | .35 | .40 | .50 | .45 | .65 | .30 | .00 | .25 | .20 | .00 | -.05 | -.10 | -.10 | -.10 | -.10 | -.10 | .10 | .65 |
| 8 | -.10 | -.10 | -.10 | -.10 | -.10 | -.05 | .05 | .10 | .40 | .40 | .45 | .60 | .60 | .55 | .40 | .15 | .15 | .05 | -.10 | -.15 | -.15 | -.10 | -.10 | -.10 | .10 | .60 |
| 9 | -.10 | -.10 | -.10 | -.10 | -.10 | -.05 | .05 | .10 | .40 | .35 | .45 | .60 | .60 | .55 | .40 | .30 | .15 | .00 | -.10 | -.15 | -.15 | -.10 | -.10 | -.10 | .10 | .60 |
| 10 | -.10 | -.10 | -.10 | -.10 | -.10 | -.05 | .05 | .10 | .40 | .35 | .45 | .60 | .55 | .50 | .40 | .25 | .15 | -.05 | -.10 | -.10 | -.10 | -.10 | -.10 | -.10 | .10 | .60 |
| 11 | -.10 | -.10 | -.10 | -.10 | -.10 | -.05 | .00 | .10 | .45 | .40 | .45 | .60 | .60 | .50 | .15 | -.10 | .05 | .00 | -.05 | -.10 | -.10 | -.10 | -.10 | -.10 | .10 | .60 |
| 12 | -.10 | -.05 | -.10 | -.10 | -.10 | -.10 | .00 | .15 | .35 | .15 | .15 | .65 | .05 | .35 | .05 | .00 | -.05 | .00 | -.05 | -.05 | -.05 | -.05 | -.05 | -.05 | .05 | .65 |
| 13 | -.10 | -.10 | -.10 | -.10 | -.10 | -.05 | .05 | .10 | .45 | .45 | .45 | .65 | .65 | .60 | .40 | .30 | .10 | .05 | -.10 | -.15 | -.10 | -.10 | -.10 | -.10 | .15 | .65 |
| 14 | -.15 | -.15 | -.15 | -.15 | -.15 | -.10 | .00 | .15 | .40 | .35 | .55 | .60 | .60 | .30 | .15 | .05 | .20 | .05 | -.10 | -.15 | -.10 | -.10 | -.10 | -.10 | .10 | .60 |
| 15 | -.10 | -.10 | -.10 | -.10 | -.10 | -.05 | .00 | .15 | .40 | .40 | .50 | .60 | .55 | .50 | .40 | .25 | .10 | .00 | -.10 | -.15 | -.15 | -.10 | -.10 | -.10 | .10 | .60 |
| 16 | -.10 | -.10 | -.10 | -.10 | -.10 | -.05 | -.05 | .05 | .20 | .35 | .45 | .60 | .55 | .50 | .40 | .30 | .10 | .00 | -.10 | -.15 | -.10 | -.10 | -.10 | -.10 | .10 | .60 |
| 17 | -.10 | -.10 | -.10 | -.10 | -.10 | -.05 | .05 | .15 | .40 | .35 | .40 | .40 | .25 | .45 | .20 | .15 | .00 | .00 | -.05 | -.05 | -.05 | -.05 | -.05 | -.05 | .10 | .45 |
| 18 | -.05 | -.05 | -.10 | -.10 | -.10 | -.05 | .05 | .15 | .35 | .50 | .45 | .00 | .50 | .55 | .45 | .25 | .05 | .05 | .00 | -.05 | -.05 | -.05 | -.05 | -.05 | .10 | .55 |
| 19 | -.05 | -.05 | -.05 | -.05 | -.05 | -.05 | .00 | .10 | .35 | .35 | .45 | .45 | .65 | .45 | .25 | .40 | .20 | .00 | -.05 | -.10 | -.10 | -.05 | -.05 | -.05 | .10 | .65 |
| 20 | -.05 | -.10 | -.10 | -.10 | -.10 | -.05 | .05 | .15 | .40 | .45 | .55 | .70 | .55 | .60 | .50 | .00 | -.05 | .00 | -.05 | -.10 | -.10 | -.10 | -.10 | -.10 | .10 | .70 |
| 21 | -.10 | -.10 | -.10 | -.10 | -.10 | -.05 | .00 | .10 | .40 | .35 | .55 | .65 | .65 | .60 | .50 | .35 | .20 | .05 | -.10 | -.15 | -.10 | -.10 | -.10 | -.10 | .15 | .65 |
| 22 | -.10 | -.10 | -.10 | -.10 | -.10 | -.05 | -.00 | .10 | .40 | .30 | .55 | .65 | .65 | .55 | .50 | .15 | .05 | .00 | -.10 | -.15 | -.10 | -.10 | -.10 | -.10 | .10 | .65 |
| 23 | -.10 | -.10 | -.10 | -.10 | -.10 | -.05 | -.05 | .10 | .40 | .30 | [PF] | [PF] | .60 | .55 | .50 | .35 | .15 | -.05 | -.10 | -.15 | -.10 | -.10 | -.10 | -.10 | .10 | .60 |
| 24 | -.10 | -.10 | -.10 | -.10 | -.10 | -.05 | .00 | .15 | .40 | .35 | .55 | .65 | .65 | .60 | .50 | .35 | .10 | .05 | -.10 | -.15 | -.10 | -.10 | -.10 | -.10 | .15 | .65 |
| 25 | -.10 | -.10 | -.10 | -.10 | -.10 | -.10 | -.05 | .15 | .40 | .20 | .45 | .55 | .45 | .20 | .00 | -.05 | .00 | .00 | -.05 | -.05 | -.05 | -.05 | -.05 | -.05 | .05 | .55 |
| 26 | -.10 | -.10 | -.10 | -.10 | -.05 | -.05 | -.05 | .00 | .00 | .20 | .20 | .65 | .60 | .50 | .55 | .35 | .10 | .05 | -.10 | -.15 | -.10 | -.10 | -.10 | -.10 | .10 | .65 |
| 27 | -.10 | -.10 | -.10 | -.10 | -.10 | -.05 | -.05 | .15 | .40 | .30 | .65 | .65 | .70 | .60 | .40 | .20 | .20 | .00 | -.10 | -.10 | -.10 | -.10 | -.10 | -.10 | .15 | .70 |
| 28 | -.10 | -.10 | -.10 | -.10 | -.10 | -.05 | .00 | .10 | .40 | .35 | .60 | .65 | .65 | .55 | .45 | .30 | .15 | -.05 | -.10 | -.10 | -.10 | -.10 | -.10 | -.10 | .15 | .65 |
| 29 | -.10 | -.10 | -.10 | -.10 | -.10 | -.10 | -.05 | .10 | .45 | .25 | .60 | .65 | .55 | .20 | .30 | .30 | .20 | .00 | -.10 | -.10 | -.10 | -.10 | -.10 | -.10 | .10 | .65 |
| 30 | -.05 | -.05 | -.10 | -.10 | -.10 | -.05 | .00 | .15 | .35 | .20 | .45 | .65 | .55 | .25 | .45 | .15 | .15 | .05 | -.05 | -.05 | -.05 | -.05 | -.10 | -.10 | .10 | .65 |
| 31 | -.05 | -.05 | -.05 | -.05 | -.05 | -.05 | .00 | .15 | .40 | .25 | .50 | .65 | .60 | .55 | .45 | .20 | .10 | -.05 | -.05 | -.05 | -.05 | -.05 | -.05 | -.05 | .15 | .65 |
| AV | -.10 | -.10 | -.10 | -.10 | -.10 | -.05 | .00 | .10 | .40 | .35 | .50 | .55 | .55 | .50 | .35 | .25 | .10 | .00 | -.10 | -.10 | -.10 | -.10 | -.10 | -.10 | .10 | [ ] |
| SD | .02 | .02 | .02 | .02 | .02 | .02 | .04 | .04 | .08 | .09 | .10 | .16 | .12 | .12 | .16 | .13 | .08 | .03 | .03 | .04 | .03 | .02 | .02 | .02 | .02 | [ ] |

OUTPT [VERSION N 28 JUL 76]

BAROMETRIC PRESSURE
(MM OF MERCURY)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MAY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR [LOCAL STANDARD TIME]

| DAY | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 637 | 637 | 637 | 637 | 637 | 637 | 637 | 637 | 637 | 636 | 636 | 635 | 634 | 633 | 633 | 632 | 631 | 631 | 630 | 630 | 630 | 631 | 631 | 631 | 634 | 637 |
| 2 | 631 | 631 | 631 | 631 | 631 | 631 | 632 | 632 | 631 | 631 | 630 | 629 | 629 | 628 | 628 | 627 | 627 | 627 | 627 | 627 | 627 | 628 | 628 | 629 | 629 | 632 |
| 3 | 627 | 627 | 628 | 629 | 629 | 629 | 629 | 629 | 629 | 629 | 628 | 627 | 629 | 627 | 627 | 626 | 626 | 626 | 626 | 626 | 627 | 627 | 628 | 628 | 628 | 629 |
| 4 | 628 | 628 | 628 | 628 | 628 | 628 | 628 | 628 | 628 | 628 | 627 | 627 | 626 | 626 | 625 | 625 | 624 | 624 | 625 | 625 | 626 | 626 | 626 | 626 | 627 | 628 |
| 5 | 626 | 626 | 626 | 626 | 627 | 627 | 627 | 627 | 627 | 626 | 626 | 625 | 625 | 624 | 624 | 624 | 624 | 624 | 624 | 625 | 625 | 626 | 626 | 626 | 626 | 627 |
| 6 | 627 | 627 | 627 | 627 | 628 | 628 | 628 | 629 | 629 | 629 | 629 | 630 | 631 | 631 | 630 | 629 | 630 | 630 | 630 | 630 | 631 | 631 | 631 | 631 | 629 | 631 |
| 7 | 632 | 632 | 632 | 632 | 632 | 632 | 633 | 633 | 633 | 633 | 633 | 633 | 632 | 632 | 631 | 631 | 631 | 631 | 631 | 632 | 632 | 632 | 632 | 632 | 632 | 633 |
| 8 | 632 | 633 | 632 | 632 | 632 | 633 | 633 | 633 | 633 | 633 | 633 | 632 | 631 | 631 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 631 | 631 | 631 | 632 | 633 |
| 9 | 631 | 631 | 631 | 631 | 631 | 631 | 632 | 632 | 632 | 632 | 632 | 631 | 631 | 630 | 630 | 630 | 630 | 630 | 630 | 631 | 632 | 633 | 633 | 633 | 631 | 633 |
| 10 | 633 | 633 | 633 | 633 | 634 | 634 | 634 | 635 | 634 | 634 | 634 | 633 | 632 | 632 | 631 | 630 | 630 | 630 | 629 | 630 | 630 | 631 | 631 | 631 | 632 | 635 |
| 11 | 631 | 631 | 631 | 631 | 631 | 631 | 631 | 631 | 630 | 630 | 629 | 629 | 629 | 629 | 628 | 628 | 628 | 628 | 629 | 629 | 630 | 632 | 632 | 633 | 630 | 633 |
| 12 | 633 | 633 | 633 | 634 | 634 | 635 | 636 | 636 | 636 | 635 | 635 | 635 | 634 | 635 | 635 | 634 | 634 | 634 | 634 | 634 | 634 | 635 | 635 | 635 | 635 | 636 |
| 13 | 636 | 636 | 636 | 636 | 636 | 636 | 636 | 636 | 635 | 635 | 634 | 634 | 633 | 632 | 631 | 631 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 631 | 633 | 636 |
| 14 | 631 | 631 | 631 | 631 | 630 | 631 | 631 | 630 | 630 | 629 | 628 | 627 | 626 | 625 | 624 | 624 | 623 | 623 | 623 | 623 | 623 | 623 | 623 | 623 | 627 | 631 |
| 15 | 624 | 625 | 626 | 627 | 628 | 629 | 629 | 630 | 631 | 631 | 631 | 631 | 631 | 631 | 631 | 632 | 632 | 632 | 633 | 633 | 634 | 635 | 635 | 635 | 631 | 635 |
| 16 | 635 | 635 | 635 | 635 | 635 | 636 | 636 | 636 | 636 | 635 | 635 | 634 | 634 | 633 | 633 | 632 | 631 | 631 | 631 | 631 | 631 | 632 | 632 | 632 | 634 | 636 |
| 17 | 633 | 633 | 633 | 633 | 633 | 633 | 633 | 633 | 633 | 632 | 632 | 631 | 630 | 629 | 629 | 628 | 628 | 627 | 627 | 627 | 627 | 627 | 628 | 628 | 630 | 633 |
| 18 | 628 | 628 | 628 | 628 | 628 | 629 | 629 | 629 | 628 | 628 | 627 | 626 | 626 | 625 | 625 | 624 | 624 | 624 | 624 | 624 | 625 | 626 | 626 | 626 | 626 | 629 |
| 19 | 626 | 626 | 626 | 627 | 627 | 627 | 628 | 628 | 628 | 627 | 627 | 627 | 627 | 627 | 627 | 626 | 626 | 626 | 626 | 626 | 627 | 627 | 627 | 627 | 627 | 628 |
| 20 | 628 | 628 | 628 | 629 | 629 | 629 | 629 | 629 | 630 | 630 | 629 | 629 | 629 | 629 | 629 | 628 | 628 | 628 | 628 | 628 | 629 | 629 | 629 | 630 | 629 | 630 |
| 21 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 629 | 630 | 630 | 630 | 629 | 629 | 629 | 629 | 629 | 629 | 630 | 630 | 630 | 630 | 630 |
| 22 | 630 | 630 | 629 | 630 | 630 | 630 | 630 | 630 | 629 | 629 | 628 | 628 | 628 | 628 | 628 | 628 | 628 | 628 | 628 | 628 | 629 | 629 | 629 | 629 | 629 | 630 |
| 23 | 629 | 629 | 629 | 629 | 629 | 629 | 630 | 630 | 630 | 630 | 629 | 629 | 628 | 628 | 627 | 627 | 627 | 626 | 626 | 627 | 627 | 628 | 628 | 629 | 628 | 630 |
| 24 | 629 | 629 | 629 | 629 | 629 | 629 | 629 | 629 | 629 | 628 | 628 | 627 | 626 | 626 | 625 | 625 | 626 | 626 | 626 | 626 | 627 | 627 | 627 | 627 | 627 | 629 |
| 25 | 626 | 626 | 626 | 626 | 626 | 627 | 627 | 627 | 627 | 626 | 625 | 625 | 625 | 625 | 625 | 626 | 626 | 626 | 626 | 626 | 627 | 628 | 628 | 629 | 626 | 629 |
| 26 | 629 | 630 | 630 | 631 | 631 | 632 | 632 | 632 | 632 | 632 | 632 | 632 | 631 | 631 | 631 | 630 | 630 | 630 | 630 | 630 | 631 | 631 | 631 | 632 | 631 | 632 |
| 27 | 632 | 632 | 632 | 632 | 633 | 633 | 633 | 633 | 633 | 632 | 631 | 631 | 630 | 629 | 629 | 628 | 627 | 627 | 627 | 627 | 627 | 628 | 628 | 628 | 630 | 633 |
| 28 | 627 | 627 | 627 | 627 | 627 | 627 | 627 | 627 | 627 | 626 | 625 | 625 | 625 | 624 | 623 | 623 | 622 | 622 | 622 | 622 | 622 | 623 | 623 | 625 | 625 | 627 |
| 29 | 624 | 624 | 624 | 624 | 625 | 625 | 626 | 626 | 626 | 625 | 625 | 624 | 624 | 623 | 623 | 623 | 624 | 624 | 624 | 624 | 624 | 625 | 626 | 626 | 625 | 626 |
| 30 | 626 | 626 | 626 | 626 | 626 | 626 | 626 | 626 | 626 | 625 | 625 | 625 | 624 | 624 | 624 | 624 | 624 | 625 | 625 | 626 | 626 | 626 | 627 | 627 | 625 | 627 |
| 31 | 627 | 627 | 627 | 628 | 628 | 629 | 629 | 629 | 629 | 628 | 628 | 628 | 627 | 627 | 626 | 626 | 626 | 626 | 626 | 626 | 627 | 627 | 628 | 628 | 627 | 629 |
| AV | 630 | 630 | 630 | 630 | 630 | 630 | 631 | 631 | 631 | 630 | 630 | 629 | 629 | 629 | 628 | 628 | 628 | 628 | 628 | 628 | 628 | 629 | 629 | 629 | 629 | [ ] |
| SD | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | [ ] |

OUTPT [VERSION N 28 JUL 76]

BAROMETRIC PRESSURE
(MM OF MERCURY)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JUNE,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 628 | 628 | 628 | 628 | 629 | 629 | 630 | 630 | 630 | 629 | 629 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | 629 | 630 |
| 2 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | 627 | 627 | 626 | 626 | 625 | 625 | 625 | 626 | 626 | 626 | 627 | 627 | 626 | 627 |
| 3 | 627 | 627 | 627 | 627 | 627 | 628 | 628 | 627 | 627 | 627 | 626 | 626 | 626 | 626 | 625 | 625 | 625 | 624 | 624 | 625 | 625 | 626 | 626 | 626 | 626 | 628 |
| 4 | 626 | 627 | 627 | 627 | 628 | 628 | 629 | 629 | 629 | 628 | 628 | 628 | 628 | 627 | 627 | 627 | 627 | 627 | 627 | 627 | 627 | 628 | 628 | 629 | 628 | 629 |
| 5 | 629 | 629 | 630 | 630 | 631 | 631 | 631 | 631 | 631 | 630 | 630 | 630 | 630 | 629 | 629 | 629 | 628 | 628 | 628 | 628 | 628 | 629 | 629 | 629 | 629 | 631 |
| 6 | 630 | 630 | 630 | 630 | 630 | 630 | 631 | 631 | 630 | 630 | 630 | 629 | 629 | 629 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | 630 | 631 |
| 7 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | 627 | 626 | 626 | 626 | 626 | 626 | 627 | 627 | 627 | 627 | 627 | 627 |
| 8 | 627 | 628 | 628 | 628 | 628 | 629 | 629 | 629 | 628 | 628 | 628 | 627 | 627 | 627 | 626 | 625 | 624 | 624 | 624 | 624 | 625 | 626 | 627 | 627 | 627 | 629 |
| 9 | 627 | 627 | 627 | 628 | 628 | 629 | 629 | 629 | 629 | 628 | 627 | 627 | 627 | 626 | 626 | 625 | 625 | 625 | 625 | 625 | 625 | 626 | 626 | 626 | 627 | 629 |
| 10 | 626 | 626 | 626 | 626 | 626 | 626 | 626 | 626 | 626 | 625 | 624 | 624 | 623 | 622 | 621 | 620 | 620 | 619 | 619 | 620 | 621 | 622 | 623 | 623 | 623 | 626 |
| 11 | 623 | 623 | 624 | 624 | 624 | 625 | 625 | 625 | 625 | 625 | 625 | 625 | 624 | 624 | 624 | 624 | 624 | 625 | 626 | 627 | 627 | 628 | 628 | 628 | 625 | 628 |
| 12 | 628 | 628 | 628 | 629 | 629 | 629 | 630 | 630 | 630 | 629 | 629 | 628 | 628 | 627 | 627 | 627 | 626 | 626 | 626 | 626 | 627 | 627 | 627 | 627 | 628 | 630 |
| 13 | 627 | 626 | 626 | 626 | 627 | 627 | 627 | 626 | 626 | 625 | 624 | 624 | 624 | 624 | 624 | 623 | 624 | 625 | 627 | 629 | 630 | 631 | 632 | 632 | 627 | 632 |
| 14 | 633 | 633 | 633 | 634 | 634 | 634 | 634 | 634 | 633 | 633 | 633 | 633 | 633 | 632 | 632 | 632 | 632 | 632 | 632 | 633 | 634 | 634 | 635 | 635 | 633 | 635 |
| 15 | 635 | 635 | 635 | 636 | 636 | 636 | 636 | 636 | 635 | 635 | 634 | 633 | 632 | 632 | 631 | 630 | 629 | 629 | 628 | 628 | 628 | 629 | 629 | 629 | 632 | 636 |
| 16 | 628 | 628 | 627 | 627 | 627 | 627 | 626 | 626 | 626 | 625 | 625 | 625 | 621 | 624 | 624 | 619 | 624 | 624 | 624 | 625 | 626 | 628 | 627 | 617 | 625 | 628 |
| 17 | 622 | 627 | 627 | 627 | 628 | 628 | 628 | 628 | 629 | 629 | 628 | 628 | 628 | 629 | 629 | 629 | 630 | 630 | 630 | 630 | 631 | 631 | 632 | 632 | 629 | 632 |
| 18 | 632 | 632 | 632 | 633 | 633 | 633 | 634 | 633 | 633 | 633 | 633 | 632 | 632 | 632 | 631 | 631 | 631 | 631 | 631 | 631 | 632 | 633 | 633 | 633 | 632 | 634 |
| 19 | 634 | 634 | 634 | 634 | 634 | 635 | 635 | 635 | 635 | 634 | 634 | 633 | 632 | 631 | 631 | 630 | 629 | 629 | 629 | 629 | 629 | 629 | 629 | 629 | 632 | 635 |
| 20 | 630 | 630 | 630 | 630 | 630 | 630 | 631 | 631 | 630 | 629 | 628 | 627 | 627 | 626 | 626 | 626 | 626 | 625 | 625 | 625 | 625 | 625 | 626 | 626 | 628 | 631 |
| 21 | 627 | 627 | 628 | 628 | 628 | 629 | 629 | 629 | 628 | 628 | 627 | 627 | 626 | 626 | 625 | 625 | 625 | 624 | 624 | 624 | 625 | 625 | 625 | 625 | 626 | 629 |
| 22 | 625 | 625 | 625 | 626 | 627 | 628 | 628 | 628 | 627 | 627 | 626 | 627 | 626 | 625 | 625 | 625 | 625 | 627 | 628 | 628 | 628 | 629 | 629 | 629 | 627 | 629 |
| 23 | 629 | 629 | 630 | 630 | 630 | 630 | 631 | 630 | 630 | 630 | 630 | 630 | 629 | 629 | 618 | 628 | 628 | 628 | 629 | 630 | 631 | 632 | 632 | 633 | 629 | 633 |
| 24 | 633 | 633 | 633 | 633 | 634 | 634 | 634 | 634 | 634 | 633 | 633 | 632 | 631 | 631 | 630 | 630 | 629 | 629 | 629 | 629 | 630 | 630 | 631 | 631 | 632 | 634 |
| 25 | 631 | 630 | 631 | 631 | 631 | 631 | 631 | 630 | 630 | 629 | 628 | 627 | 626 | 626 | 625 | 625 | 624 | 624 | 623 | 624 | 624 | 624 | 625 | 625 | 627 | 631 |
| 26 | 626 | 626 | 627 | 627 | 629 | 629 | 630 | 631 | 631 | 631 | 631 | 631 | 631 | 631 | 630 | 629 | 629 | 629 | 629 | 629 | 630 | 631 | 631 | 632 | 630 | 632 |
| 27 | 632 | 632 | 633 | 633 | 633 | 634 | 634 | 634 | 634 | 634 | 633 | 633 | 632 | 631 | 631 | 630 | 630 | 630 | 630 | 630 | 631 | 632 | 632 | 633 | 632 | 634 |
| 28 | 633 | 633 | 633 | 634 | 634 | 635 | 635 | 635 | 635 | 634 | 634 | 633 | 632 | 632 | 631 | 630 | 630 | 629 | 629 | 629 | 630 | 630 | 631 | 631 | 632 | 633 |
| 29 | 631 | 631 | 631 | 631 | 632 | 632 | 632 | 632 | 632 | 631 | 630 | 630 | 629 | 629 | 628 | 627 | 627 | 626 | 626 | 626 | 627 | 627 | 628 | 628 | 629 | 632 |
| 30 | 629 | 629 | 629 | 629 | 630 | 630 | 630 | 630 | 630 | 629 | 628 | 628 | 628 | 627 | 627 | 627 | 627 | 627 | 628 | 628 | 628 | 628 | 628 | 628 | 628 | 630 |
| 31 | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] |
| AV | 629 | 629 | 629 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 629 | 629 | 628 | 628 | 627 | 627 | 627 | 627 | 627 | 627 | 628 | 628 | 629 | 628 | 629 | [ ] |
| SD | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 3 | [ ] |

OUTPT [VERSION N 28 JUL 76]

BAROMETRIC PRESSURE
(MM OF MERCURY)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JULY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 628 | 628 | 629 | 629 | 629 | 629 | 629 | 629 | 629 | 628 | 627 | 627 | 627 | 626 | 626 | 626 | 625 | 625 | 625 | 625 | 625 | 625 | 626 | 626 | 627 | 629 |
| 2 | 626 | 626 | 626 | 627 | 627 | 627 | 628 | 628 | 628 | 627 | 627 | 626 | 626 | 625 | 624 | 624 | 624 | 624 | 624 | 624 | 625 | 627 | 627 | 628 | 626 | 628 |
| 3 | 629 | 629 | 629 | 630 | 630 | 631 | 632 | 632 | 632 | 631 | 631 | 631 | 630 | 629 | 629 | 628 | 628 | 628 | 628 | 628 | 629 | 629 | 630 | 630 | 630 | 632 |
| 4 | 630 | 631 | 631 | 632 | 632 | 633 | 633 | 633 | 633 | 632 | 632 | 631 | 630 | 629 | 629 | 628 | 628 | 628 | 628 | 628 | 628 | 629 | 630 | 630 | 630 | 633 |
| 5 | 630 | 631 | 631 | 632 | 632 | 633 | 633 | 633 | 633 | 632 | 631 | 631 | 630 | 629 | 629 | 628 | 628 | 627 | 627 | 627 | 628 | 628 | 629 | 629 | 630 | 633 |
| 6 | 629 | 630 | 630 | 630 | 631 | 631 | 631 | 632 | 632 | 631 | 630 | 630 | 629 | 628 | 627 | 627 | 627 | 626 | 627 | 627 | 628 | 628 | 628 | 628 | 629 | 632 |
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| 10 | 628 | 628 | 628 | 629 | 629 | 630 | 630 | 630 | 630 | 630 | 629 | 629 | 628 | 628 | 627 | 627 | 627 | 627 | 627 | 628 | 628 | 629 | 629 | 629 | 629 | 630 |
| 11 | 629 | 629 | 629 | 629 | 630 | 630 | 630 | 630 | 629 | 629 | 628 | 627 | 627 | 626 | 625 | 625 | 625 | 625 | 625 | 626 | 626 | 626 | 627 | 627 | 627 | 630 |
| 12 | 627 | 627 | 627 | 627 | 627 | 627 | 627 | 627 | 627 | 627 | 627 | 626 | 626 | 626 | 626 | 626 | 626 | 625 | 625 | 626 | 627 | 628 | 628 | 628 | 627 | 628 |
| 13 | 628 | 628 | 628 | 628 | 629 | 629 | 629 | 629 | 629 | 629 | 629 | 628 | 628 | 627 | 627 | 626 | 626 | 626 | 626 | 626 | 627 | 627 | 628 | 625 | 628 | 629 |
| 14 | 629 | 629 | 629 | 630 | 630 | 630 | 631 | 631 | 631 | 630 | 608 | 629 | 628 | 628 | 628 | 628 | 628 | 628 | 628 | 628 | 629 | 629 | 630 | 630 | 628 | 631 |
| 15 | 630 | 631 | 631 | 632 | 632 | 633 | 633 | 633 | 633 | 633 | 632 | 632 | 631 | 631 | 630 | 630 | 630 | 630 | 629 | 630 | 630 | 631 | 631 | 632 | 631 | 633 |
| 16 | 632 | 632 | 632 | 633 | 633 | 634 | 634 | 634 | 634 | 634 | 633 | 633 | 632 | 631 | 630 | 630 | 629 | 629 | 629 | 629 | 629 | 630 | 630 | 631 | 632 | 634 |
| 17 | 631 | 632 | 632 | 632 | 632 | 633 | 633 | 633 | 632 | 632 | 631 | 630 | 629 | 629 | 628 | 628 | 628 | 628 | 629 | 631 | 631 | 632 | 633 | 632 | 631 | 633 |
| 18 | 633 | 632 | 631 | 631 | 631 | 632 | 632 | 632 | 632 | 632 | 631 | 631 | 631 | 630 | 630 | 630 | 631 | 630 | 630 | 631 | 631 | 631 | 631 | 631 | 631 | 633 |
| 19 | 631 | 631 | 631 | 631 | 631 | 632 | 632 | 632 | 632 | 632 | 632 | 631 | 631 | 630 | 630 | 630 | 629 | 629 | 630 | 630 | 631 | 632 | 633 | 633 | 631 | 633 |
| 20 | 633 | 633 | 633 | 633 | 633 | 634 | 634 | 634 | 634 | 633 | 633 | 632 | 632 | 631 | 630 | 630 | 631 | 631 | 630 | 631 | 631 | 631 | 631 | 631 | 632 | 634 |
| 21 | 631 | 632 | 632 | 632 | 632 | 632 | 632 | 632 | 632 | 632 | 631 | 631 | 630 | 629 | 629 | 629 | 628 | 628 | 628 | 628 | 629 | 630 | 630 | 630 | 630 | 632 |
| 22 | 631 | 631 | 631 | 632 | 632 | 632 | 633 | 633 | 633 | 632 | 632 | 631 | 631 | 630 | 630 | 630 | 629 | 629 | 629 | 629 | 630 | 631 | 631 | 632 | 631 | 633 |
| 23 | 632 | 632 | 633 | 633 | 633 | 634 | 634 | 634 | 634 | 634 | [PF] | [PF] | 632 | 631 | 631 | 630 | 630 | 630 | 629 | 630 | 630 | 631 | 631 | 632 | 632 | 634 |
| 24 | 632 | 633 | 633 | 633 | 633 | 634 | 634 | 634 | 633 | 632 | 632 | 631 | 630 | 630 | 629 | 628 | 628 | 627 | 627 | 628 | 628 | 629 | 629 | 630 | 631 | 634 |
| 25 | 630 | 630 | 630 | 631 | 631 | 631 | 632 | 632 | 632 | 631 | 631 | 631 | 630 | 629 | 630 | 631 | 632 | 631 | 631 | 632 | 633 | 633 | 633 | 633 | 631 | 633 |
| 26 | 632 | 633 | 633 | 633 | 633 | 633 | 633 | 633 | 634 | 634 | 633 | 632 | 631 | 630 | 629 | 629 | 628 | 628 | 627 | 628 | 628 | 629 | 629 | 629 | 631 | 634 |
| 27 | 629 | 630 | 630 | 630 | 630 | 630 | 631 | 631 | 631 | 630 | 630 | 629 | 629 | 628 | 628 | 627 | 627 | 627 | 627 | 627 | 628 | 628 | 629 | 629 | 629 | 631 |
| 28 | 630 | 630 | 630 | 630 | 630 | 631 | 631 | 631 | 631 | 631 | 630 | 629 | 628 | 628 | 627 | 627 | 626 | 626 | 626 | 627 | 627 | 628 | 628 | 629 | 629 | 631 |
| 29 | 629 | 629 | 629 | 629 | 630 | 630 | 630 | 630 | 630 | 629 | 628 | 627 | 627 | 626 | 626 | 626 | 626 | 626 | 626 | 626 | 627 | 627 | 628 | 628 | 628 | 630 |
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| AV | 630 | 630 | 630 | 631 | 631 | 631 | 631 | 631 | 631 | 631 | 630 | 630 | 629 | 628 | 628 | 628 | 628 | 627 | 627 | 628 | 628 | 629 | 629 | 630 | 629 | [ ] |
| SD | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 4 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | [ ] |

OUTPT [VERSION N 28 JUL 76]

RELATIVE HUMIDITY
(PERCENT)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MAY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 61 | 63 | 67 | 72 | 76 | 78 | 78 | 71 | 55 | 46 | 37 | 30 | 25 | 21 | 18 | 16 | 14 | 11 | 9 | 11 | 22 | 34 | 39 | 40 | 41 | 78 |
| 2 | 44 | 47 | 50 | 54 | 62 | 65 | 62 | 57 | 47 | 38 | 29 | 21 | 16 | 15 | 13 | 11 | 9 | 9 | 9 | 10 | 20 | 29 | 35 | 39 | 33 | 65 |
| 3 | 42 | 48 | 52 | 56 | 59 | 61 | 62 | 59 | 51 | 40 | 34 | 28 | 21 | 18 | 16 | 16 | 17 | 17 | 16 | 21 | 25 | 24 | 25 | 27 | 35 | 62 |
| 4 | 31 | 34 | 37 | 38 | 40 | 42 | 43 | 41 | 37 | 33 | 30 | 29 | 27 | 25 | 25 | 25 | 26 | 30 | 34 | 37 | 42 | 46 | 50 | 55 | 36 | 55 |
| 5 | 58 | 63 | 68 | 73 | 78 | 81 | 76 | 68 | 57 | 46 | 37 | 30 | 25 | 22 | 22 | 22 | 23 | 25 | 32 | 39 | 42 | 46 | 52 | 60 | 48 | 81 |
| 6 | 73 | 84 | 86 | 85 | 88 | 91 | 88 | 88 | 82 | 73 | 69 | 76 | 88 | 89 | 80 | 78 | 66 | 68 | 69 | 74 | 82 | 84 | 84 | 84 | 80 | 91 |
| 7 | 85 | 85 | 85 | 86 | 85 | 86 | 84 | 84 | 83 | 74 | 63 | 57 | 52 | 47 | 42 | 37 | 37 | 36 | 51 | 67 | 75 | 79 | 80 | 82 | 68 | 86 |
| 8 | 79 | 81 | 81 | 78 | 80 | 86 | 90 | 89 | 85 | 82 | 76 | 73 | 64 | 56 | 49 | 57 | 73 | 77 | 76 | 77 | 78 | 78 | 78 | 80 | 76 | 90 |
| 9 | 80 | 81 | 81 | 81 | 82 | 85 | 84 | 76 | 65 | 57 | 50 | 49 | 40 | 35 | 32 | 29 | 27 | 29 | 41 | 53 | 62 | 67 | 67 | 68 | 59 | 85 |
| 10 | 75 | 80 | 83 | 84 | 84 | 86 | 83 | 74 | 62 | 55 | 49 | 43 | 34 | 28 | 30 | 30 | 27 | 24 | 25 | 29 | 41 | 56 | 62 | 60 | 54 | 86 |
| 11 | 76 | 71 | 69 | 71 | 73 | 74 | 73 | 65 | 54 | 47 | 40 | 32 | 28 | 48 | 41 | 32 | 23 | 18 | 17 | 16 | 17 | 19 | 17 | 17 | 43 | 76 |
| 12 | 22 | 29 | 40 | 49 | 56 | 60 | 58 | 55 | 44 | 32 | 27 | 25 | 23 | 20 | 18 | 16 | 15 | 13 | 12 | 13 | 17 | 25 | 37 | 46 | 31 | 60 |
| 13 | 50 | 50 | 55 | 61 | 64 | 68 | 66 | 58 | 49 | 37 | 27 | 22 | 19 | 19 | 19 | 18 | 16 | 15 | 15 | 16 | 24 | 36 | 44 | 48 | 37 | 68 |
| 14 | 52 | 58 | 63 | 65 | 69 | 71 | 69 | 62 | 51 | 42 | 34 | 26 | 22 | 18 | 14 | 13 | 11 | 8 | 7 | 9 | 13 | 16 | 18 | 17 | 35 | 71 |
| 15 | 14 | 16 | 29 | 45 | 55 | 62 | 66 | 64 | 62 | 60 | 56 | 53 | 51 | 51 | 50 | 45 | 45 | 47 | 48 | 50 | 52 | 54 | 55 | 57 | 49 | 66 |
| 16 | 61 | 64 | 67 | 72 | 76 | 74 | 66 | 61 | 57 | 55 | 49 | 41 | 35 | 31 | 29 | 28 | 27 | 25 | 24 | 27 | 37 | 48 | 55 | 59 | 49 | 76 |
| 17 | 63 | 64 | 67 | 70 | 73 | 73 | 67 | 55 | 45 | 37 | 30 | 27 | 26 | 23 | 18 | 14 | 14 | 14 | 14 | 17 | 22 | 27 | 28 | 32 | 38 | 73 |
| 18 | 38 | 41 | 46 | 53 | 58 | 61 | 57 | 48 | 40 | 33 | 22 | 18 | 18 | 13 | 10 | 11 | 12 | 13 | 14 | 15 | 18 | 21 | 25 | 29 | 30 | 61 |
| 19 | 34 | 37 | 40 | 40 | 40 | 44 | 50 | 50 | 43 | 38 | 36 | 36 | 37 | 47 | 54 | 52 | 56 | 54 | 55 | 54 | 55 | 58 | 61 | 67 | 47 | 67 |
| 20 | 71 | 73 | 75 | 76 | 81 | 82 | 77 | 72 | 66 | 58 | 49 | 48 | 60 | 62 | 55 | 47 | 47 | 47 | 49 | 53 | 63 | 73 | 76 | 75 | 64 | 82 |
| 21 | 74 | 77 | 80 | 83 | 85 | 83 | 77 | 66 | 57 | 57 | 63 | 69 | 63 | 88 | 83 | 75 | 64 | 71 | 86 | 83 | 84 | 85 | 87 | 86 | 77 | 88 |
| 22 | 87 | 89 | 90 | 90 | 87 | 87 | 84 | 81 | 74 | 65 | 56 | 46 | 59 | 68 | 60 | 59 | 56 | 53 | 57 | 60 | 63 | 70 | 75 | 80 | 71 | 90 |
| 23 | 81 | 83 | 85 | 81 | 79 | 82 | 82 | 75 | 66 | 59 | 49 | 42 | 36 | 32 | 28 | 25 | 24 | 23 | 26 | 33 | 42 | 52 | 63 | 69 | 55 | 85 |
| 24 | 71 | 72 | 77 | 77 | 73 | 73 | 71 | 66 | 59 | 50 | 42 | 37 | 37 | 36 | 27 | 22 | 37 | 51 | 54 | 62 | 71 | 72 | 74 | 74 | 58 | 77 |
| 25 | 77 | 81 | 82 | 86 | 86 | 82 | 78 | 68 | 55 | 46 | 41 | 35 | 29 | 30 | 31 | 48 | 74 | 59 | 45 | 47 | 53 | 61 | 68 | 72 | 60 | 86 |
| 26 | 74 | 77 | 80 | 80 | 80 | 77 | 70 | 59 | 47 | 38 | 32 | 28 | 25 | 23 | 20 | 19 | 19 | 19 | 17 | 18 | 25 | 36 | 44 | 49 | 44 | 80 |
| 27 | 53 | 58 | 61 | 66 | 72 | 72 | 66 | 56 | 44 | [MT] | 32 | 28 | 24 | 22 | 20 | 20 | 17 | 16 | 14 | 14 | 16 | 20 | 24 | 29 | 37 | 72 |
| 28 | 33 | 35 | 37 | 42 | 49 | 56 | 57 | 51 | 46 | 38 | 29 | 36 | 44 | 30 | 20 | 14 | 12 | 10 | 8 | 9 | 11 | 13 | 16 | 19 | 30 | 57 |
| 29 | 24 | 29 | 34 | 37 | 40 | 43 | 46 | 49 | 47 | 42 | 37 | 33 | 28 | 24 | 23 | 23 | 30 | 36 | 35 | 33 | 34 | 38 | 45 | 50 | 36 | 50 |
| 30 | 53 | 59 | 66 | 70 | 73 | 78 | 78 | 70 | 60 | 53 | 49 | 45 | 40 | 35 | 33 | 31 | 30 | 36 | 53 | 64 | 65 | 68 | 74 | 79 | 57 | 79 |
| 31 | 83 | 86 | 85 | 86 | 90 | 91 | 85 | 73 | 61 | 50 | 42 | 35 | 27 | 21 | 21 | 20 | 17 | 14 | 12 | 13 | 17 | 23 | 30 | 36 | 47 | 91 |
| AV | 59 | 62 | 65 | 68 | 71 | 73 | 71 | 65 | 56 | 49 | 42 | 39 | 37 | 35 | 32 | 31 | 31 | 31 | 33 | 36 | 42 | 47 | 51 | 54 | 49 | [ ] |
| SD | 21 | 20 | 18 | 16 | 15 | 13 | 12 | 12 | 12 | 13 | 13 | 15 | 18 | 20 | 18 | 18 | 19 | 20 | 22 | 23 | 23 | 22 | 22 | 21 | 15 | [ ] |

OUTPT [VERSION N 28 JUL 76]

RELATIVE HUMIDITY
(PERCENT)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JUNE,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 39 | 42 | 46 | 51 | 57 | 60 | 61 | 56 | 45 | 35 | 28 | 23 | 19 | 18 | 17 | 16 | 14 | 12 | 12 | 12 | 13 | 15 | 18 | 19 | 30 | 61 |
| 2 | 24 | 29 | 32 | 36 | 42 | 49 | 53 | 50 | 43 | 35 | 28 | 20 | 18 | 15 | 12 | 11 | 11 | 11 | 11 | 12 | 14 | 16 | 20 | 25 | 26 | 53 |
| 3 | 26 | 26 | 29 | 32 | 36 | 38 | 36 | 32 | 27 | 21 | 17 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 10 | 10 | 12 | 15 | 18 | 19 | 21 | 38 |
| 4 | 23 | 27 | 28 | 32 | 37 | 41 | 38 | 32 | 26 | 23 | 19 | 17 | 15 | 14 | 13 | 12 | 11 | 12 | 12 | 12 | 13 | 16 | 20 | 24 | 22 | 41 |
| 5 | 28 | 31 | 34 | 39 | 42 | 44 | 40 | 35 | 31 | 28 | 24 | 20 | 16 | 15 | 15 | 14 | 12 | 11 | 11 | 12 | 14 | 18 | 23 | 26 | 24 | 44 |
| 6 | 29 | 31 | 33 | 34 | 37 | 39 | 40 | 36 | 30 | 26 | 23 | 21 | 20 | 20 | 20 | 19 | 20 | 22 | 27 | 31 | 34 | 36 | 38 | 39 | 29 | 40 |
| 7 | 40 | 42 | 46 | 53 | 60 | 60 | 55 | 47 | 40 | 36 | 31 | 28 | 29 | 24 | 21 | 21 | 22 | 25 | 27 | 29 | 32 | 34 | 37 | 42 | 37 | 60 |
| 8 | 48 | 52 | 55 | 58 | 62 | 60 | 53 | 44 | 36 | 34 | 27 | 27 | 27 | 27 | 28 | 27 | 24 | 23 | 22 | 21 | 21 | 26 | 32 | 36 | 36 | 62 |
| 9 | 41 | 42 | 44 | 49 | 53 | 55 | 52 | 46 | 41 | 36 | 29 | 22 | 18 | 16 | 14 | 13 | 13 | 13 | 13 | 14 | 15 | 19 | 23 | 28 | 30 | 55 |
| 10 | 32 | 35 | 36 | 38 | 41 | 41 | 36 | 30 | 26 | 23 | 21 | 20 | 20 | 18 | 17 | 15 | 12 | 12 | 13 | 14 | 24 | 43 | 52 | 57 | 28 | 57 |
| 11 | 61 | 65 | 67 | 69 | 68 | 66 | 61 | 54 | 45 | 37 | 32 | 32 | 33 | 35 | 34 | 32 | 33 | 46 | 55 | 67 | 80 | 79 | 84 | 78 | 55 | 84 |
| 12 | 67 | 65 | 69 | 74 | 78 | 77 | 69 | 59 | 51 | 44 | 38 | 35 | 33 | 31 | 30 | 28 | 27 | 28 | 20 | 30 | 33 | 35 | 38 | 41 | 46 | 79 |
| 13 | 44 | 47 | 48 | 50 | 53 | 54 | 53 | 51 | 50 | 46 | 43 | 42 | 43 | 44 | 45 | 53 | 61 | 76 | 93 | 89 | 87 | 86 | 84 | 82 | 59 | 93 |
| 14 | 79 | 80 | 80 | 75 | 70 | 64 | 55 | 47 | 40 | 34 | 30 | 28 | 23 | 21 | 18 | 15 | 14 | 13 | 13 | 21 | 32 | 39 | 46 | 55 | 41 | 80 |
| 15 | 63 | 69 | 72 | 72 | 75 | 79 | 79 | 69 | 55 | 44 | 38 | 33 | 28 | 25 | 22 | 19 | 15 | 11 | 8 | 8 | 12 | 17 | 19 | 19 | 40 | 79 |
| 16 | 21 | 21 | 21 | 22 | 24 | 29 | 36 | 40 | 36 | 29 | 23 | 23 | 19 | 19 | 20 | 22 | 23 | 26 | 30 | 32 | 33 | 39 | 66 | 79 | 31 | 79 |
| 17 | 76 | 77 | 81 | 86 | 88 | 88 | 84 | 76 | 67 | 58 | 51 | 44 | 38 | 31 | 43 | 37 | 43 | 50 | 59 | 66 | 64 | 74 | 77 | 77 | 64 | 88 |
| 18 | 85 | 91 | 91 | 91 | 92 | 89 | 78 | 65 | 58 | 53 | 47 | 38 | 25 | 16 | 14 | 13 | 11 | 10 | 10 | 13 | 23 | 37 | 45 | 49 | 48 | 92 |
| 19 | 56 | 65 | 70 | 72 | 76 | 78 | 73 | 62 | 52 | 46 | 41 | 36 | 29 | 19 | 13 | 10 | 10 | 10 | 10 | 10 | 12 | 15 | 23 | 32 | 38 | 78 |
| 20 | 39 | 46 | 52 | 56 | 58 | 61 | 60 | 55 | 47 | 36 | 27 | 17 | 14 | 13 | 11 | 9 | 8 | 10 | 12 | 13 | 14 | 15 | 15 | 16 | 29 | 61 |
| 21 | 18 | 18 | 18 | 20 | 23 | 26 | 26 | 22 | 18 | 16 | 13 | 9 | 8 | 7 | 7 | 7 | 7 | 7 | 8 | 10 | 14 | 19 | 25 | 31 | 16 | 51 |
| 22 | 36 | 39 | 38 | 39 | 64 | 85 | 79 | 79 | 79 | 67 | 77 | 87 | 86 | 74 | 55 | 46 | 61 | 80 | 83 | 82 | 84 | 79 | 74 | 78 | 69 | 87 |
| 23 | 81 | 82 | 86 | 86 | 85 | 79 | 63 | 45 | 34 | 28 | 27 | 23 | 17 | 13 | 11 | 9 | 8 | 8 | 7 | 7 | 10 | 17 | 28 | 43 | 37 | 86 |
| 24 | 54 | 60 | 66 | 67 | 71 | 70 | 61 | 51 | 41 | 32 | 26 | 21 | 17 | 12 | 9 | 8 | 7 | 7 | 8 | 9 | 12 | 14 | 17 | 22 | 32 | 71 |
| 25 | 29 | 36 | 43 | 51 | 59 | 59 | 53 | 45 | 33 | 24 | 20 | 14 | 10 | 10 | 9 | 8 | 9 | 9 | 8 | 8 | 9 | 10 | 13 | 18 | 24 | 59 |
| 26 | 23 | 26 | 29 | 32 | 37 | 43 | 43 | 35 | 29 | 25 | 22 | 21 | 17 | 15 | 12 | 11 | 11 | 10 | 11 | 12 | 16 | 22 | 26 | 29 | 23 | 43 |
| 27 | 33 | 38 | 41 | 45 | 49 | 51 | 47 | 40 | 35 | 30 | 25 | 20 | 16 | 12 | 9 | 8 | 7 | 7 | 8 | 9 | 9 | 13 | 18 | 24 | 25 | 51 |
| 28 | 27 | 30 | 33 | 38 | 42 | 45 | 43 | 38 | 33 | 28 | 24 | 20 | 16 | 12 | 9 | 8 | 7 | 5 | 5 | 6 | 9 | 12 | 16 | 20 | 22 | 45 |
| 29 | 23 | 27 | 33 | 38 | 41 | 43 | 41 | 36 | 30 | 27 | 24 | 21 | 18 | 15 | 12 | 11 | 10 | 9 | 10 | 13 | 16 | 18 | 21 | 25 | 23 | 43 |
| 30 | 28 | 31 | 33 | 35 | 38 | 42 | 44 | 40 | 34 | 31 | 29 | 28 | 26 | 27 | 26 | 27 | 34 | 43 | 56 | 60 | 63 | 60 | 65 | 65 | 40 | 65 |
| 31 | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] |
| AV | 42 | 46 | 48 | 51 | 55 | 57 | 54 | 47 | 40 | 34 | 30 | 27 | 24 | 21 | 19 | 18 | 19 | 21 | 22 | 24 | 28 | 31 | 36 | 40 | 35 | [ ] |
| SD | 20 | 20 | 20 | 19 | 18 | 17 | 15 | 13 | 13 | 11 | 12 | 14 | 14 | 13 | 12 | 11 | 14 | 19 | 23 | 23 | 23 | 22 | 22 | 21 | 13 | [ ] |

OUTPT [VERSION N 28 JUL 76]

RELATIVE HUMIDITY
(PERCENT)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JULY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 60 | 57 | 64 | 65 | 63 | 61 | 58 | 56 | 50 | 45 | 41 | 49 | 54 | 45 | 37 | 31 | 26 | 23 | 23 | 25 | 30 | 39 | 44 | 47 | 46 | 65 |
| 2 | 52 | 51 | 47 | 49 | 54 | 56 | 53 | 50 | 47 | 48 | 40 | 34 | 29 | 26 | 17 | 9 | 7 | 7 | 7 | 8 | 12 | 15 | 17 | 23 | 32 | 56 |
| 3 | 38 | 51 | 54 | 55 | 58 | 59 | 57 | 50 | 44 | 41 | 37 | 31 | 23 | 17 | 15 | 14 | 14 | 14 | 14 | 15 | 17 | 18 | 19 | 22 | 32 | 59 |
| 4 | 24 | 26 | 28 | 30 | 34 | 38 | 37 | 34 | 29 | 24 | 20 | 18 | 15 | 13 | 12 | 10 | 8 | 7 | 6 | 6 | 7 | 9 | 12 | 14 | 19 | 38 |
| 5 | 17 | 20 | 24 | 26 | 28 | 31 | 32 | 30 | 26 | 23 | 21 | 18 | 15 | 13 | 11 | 10 | 9 | 9 | 10 | 10 | 12 | 15 | 20 | 23 | 19 | 32 |
| 6 | 25 | 25 | 27 | 28 | 29 | 32 | 34 | 33 | 29 | 26 | 24 | 20 | 17 | 16 | 13 | 13 | 12 | 12 | 15 | 17 | 20 | 23 | 25 | 28 | 23 | 34 |
| 7 | 30 | 33 | 34 | 35 | 37 | 37 | 40 | 38 | 33 | 29 | 26 | 23 | 23 | 21 | 22 | 24 | 22 | 22 | 24 | 25 | 27 | 29 | 31 | 34 | 29 | 40 |
| 8 | 36 | 39 | 41 | 45 | 52 | 57 | 54 | 48 | 36 | 31 | 29 | 25 | 20 | 17 | 16 | 16 | 16 | 16 | 15 | 19 | 24 | 27 | 30 | 32 | 31 | 57 |
| 9 | 34 | 35 | 34 | 35 | 38 | 41 | 41 | 37 | 31 | 27 | 25 | 22 | 18 | 15 | 15 | 15 | 14 | 14 | 15 | 17 | 20 | 23 | 28 | 31 | 26 | 41 |
| 10 | 32 | 33 | 35 | 38 | 42 | 47 | 47 | 43 | 38 | 34 | 30 | 27 | 24 | 21 | 18 | 18 | 20 | 20 | 21 | 22 | 24 | 27 | 32 | 37 | 30 | 47 |
| 11 | 41 | 47 | 53 | 56 | 57 | 59 | 56 | 50 | 44 | 40 | 36 | 32 | 28 | 25 | 22 | 21 | 22 | 22 | 25 | 29 | 32 | 35 | 38 | 42 | 38 | 59 |
| 12 | 45 | 45 | 44 | 44 | 46 | 48 | 49 | 47 | 43 | 41 | 41 | 39 | 38 | 42 | 48 | 55 | 53 | 48 | 47 | 49 | 48 | 51 | 54 | 59 | 47 | 59 |
| 13 | 57 | 58 | 65 | 76 | 84 | 81 | 71 | 65 | 59 | 51 | 44 | 39 | 33 | 25 | 18 | 15 | 15 | 16 | 17 | 19 | 22 | 26 | 29 | 33 | 42 | 84 |
| 14 | 37 | 41 | 46 | 51 | 54 | 56 | 53 | 48 | 40 | 29 | 23 | 20 | 18 | 18 | 19 | 21 | 20 | 20 | 20 | 22 | 26 | 31 | 33 | 37 | 33 | 56 |
| 15 | 41 | 45 | 48 | 51 | 56 | 58 | 54 | 48 | 41 | 35 | 29 | 25 | 22 | 18 | 15 | 14 | 13 | 13 | 13 | 13 | 16 | 20 | 24 | 26 | 31 | 58 |
| 16 | 29 | 32 | 35 | 39 | 43 | 45 | 45 | 43 | 38 | 32 | 26 | 24 | 21 | 18 | 16 | 14 | 13 | 13 | 13 | 14 | 17 | 19 | 23 | 28 | 27 | 45 |
| 17 | 32 | 35 | 38 | 41 | 45 | 50 | 48 | 44 | 40 | 38 | 35 | 33 | 31 | 40 | 34 | 31 | 34 | 37 | 55 | 75 | 83 | 84 | 88 | 86 | 48 | 88 |
| 18 | 87 | 79 | 84 | 86 | 88 | 87 | 83 | 74 | 64 | 61 | 66 | 70 | 59 | 50 | 47 | 47 | 52 | 52 | 50 | 55 | 63 | 66 | 69 | 73 | 67 | 88 |
| 19 | 74 | 72 | 76 | 75 | 78 | 81 | 72 | 60 | 53 | 46 | 41 | 34 | 30 | 25 | 24 | 33 | 29 | 27 | 37 | 49 | 55 | 53 | 84 | 77 | 54 | 84 |
| 20 | 71 | 84 | 87 | 88 | 88 | 83 | 72 | 67 | 57 | 49 | 42 | 34 | 27 | 26 | 22 | 27 | 37 | 36 | 37 | 42 | 48 | 58 | 68 | 72 | 55 | 88 |
| 21 | 73 | 74 | 75 | 77 | 80 | 79 | 69 | 56 | 45 | 34 | 29 | 25 | 18 | 13 | 11 | 10 | 12 | 12 | 13 | 15 | 20 | 28 | 35 | 40 | 39 | 80 |
| 22 | 45 | 52 | 58 | 61 | 65 | 64 | 58 | 50 | 39 | 33 | 27 | 22 | 15 | 14 | 12 | 11 | 13 | 13 | 13 | 14 | 18 | 24 | 32 | 36 | 33 | 65 |
| 23 | 39 | 45 | 49 | 51 | 52 | 55 | 51 | 45 | 38 | 32 | 26 | 22 | 18 | 14 | 12 | 11 | 10 | 11 | 10 | 11 | 12 | 14 | 23 | 30 | 28 | 55 |
| 24 | 32 | 34 | 38 | 42 | 49 | 53 | 49 | 43 | 35 | 30 | 26 | 24 | 23 | 22 | 19 | 17 | 20 | 24 | 24 | 25 | 28 | 31 | 31 | 34 | 31 | 53 |
| 25 | 36 | 40 | 42 | 44 | 47 | 49 | 49 | 46 | 43 | 41 | 39 | 35 | 35 | 39 | 43 | 61 | 75 | 71 | 74 | 72 | 70 | 75 | 79 | 81 | 54 | 81 |
| 26 | 82 | 84 | 87 | 86 | 83 | 80 | 73 | 68 | 61 | 55 | 45 | 41 | 36 | 31 | 31 | 37 | 38 | 34 | 33 | 36 | 47 | 52 | 51 | 48 | 55 | 87 |
| 27 | 50 | 58 | 64 | 71 | 79 | 76 | 70 | 60 | 47 | 35 | 24 | 18 | 15 | 14 | 12 | 12 | 12 | 13 | 16 | 19 | 23 | 30 | 39 | 44 | 38 | 79 |
| 28 | 47 | 47 | 52 | 53 | 57 | 60 | 58 | 50 | 45 | 35 | 28 | 22 | 17 | 14 | 17 | 19 | 17 | 17 | 17 | 21 | 25 | 30 | 34 | 37 | 34 | 60 |
| 29 | 39 | 41 | 45 | 49 | 51 | 53 | 50 | 46 | 41 | 36 | 31 | 28 | 26 | 28 | 28 | 28 | 26 | 26 | 26 | 28 | 30 | 31 | 34 | 35 | 36 | 53 |
| 30 | 37 | 39 | 42 | 42 | 53 | 58 | 57 | 54 | 51 | 49 | 45 | 40 | 34 | 32 | 31 | 29 | 28 | 28 | 44 | 53 | 54 | 57 | 59 | 63 | 45 | 63 |
| 31 | 67 | 72 | 77 | 81 | 83 | 83 | 78 | 70 | 60 | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | 75 | 83 |
| AV | 45 | 48 | 51 | 54 | 57 | 59 | 55 | 50 | 43 | 38 | 33 | 30 | 26 | 24 | 22 | 22 | 23 | 23 | 24 | 28 | 31 | 35 | 40 | 42 | 39 | [ ] |
| SD | 18 | 17 | 18 | 18 | 17 | 16 | 13 | 11 | 10 | 9 | 10 | 11 | 11 | 10 | 11 | 13 | 15 | 14 | 16 | 18 | 19 | 19 | 20 | 19 | 13 | [ ] |

OUTPT [VERSION N 28 JUL 76]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 7

MAY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.0 | 1.5 | 3.5 | 3.0 | 3.5 | 1.0 | 1.0 | 2.0 | 2.5 | 3.5 | 6.0 | 6.5 | 5.5 | 7.5 | 7.5 | 6.0 | 7.5 | 6.5 | 3.5 | 4.0 | 4.0 | 1.0 | .5 | 2.5 | 4.0 | 7.5 |
| 2 | 2.0 | 3.5 | 1.5 | 1.0 | 1.5 | 1.0 | 2.5 | 2.0 | 3.5 | 2.5 | 4.0 | 5.5 | 5.5 | 7.5 | 6.5 | 5.0 | 5.0 | 4.5 | 1.5 | 2.0 | 4.0 | 2.5 | 3.5 | 2.5 | 3.5 | 7.5 |
| 3 | 1.0 | 3.0 | 4.5 | 1.5 | 4.0 | 3.5 | 2.5 | 3.5 | 2.5 | 3.5 | 3.0 | 3.0 | 4.0 | 10.0 | 16.5 | 15.5 | 13.0 | 14.0 | 12.0 | 9.5 | 15.5 | 12.5 | 6.0 | 11.5 | 7.5 | 16.5 |
| 4 | 5.5 | 15.5 | 18.0 | 17.0 | 15.5 | 12.5 | 17.0 | 23.5 | 19.5 | 21.5 | 21.0 | 19.0 | 19.0 | 17.0 | 14.0 | 14.0 | 15.5 | 20.5 | 10.5 | 9.5 | 4.5 | 7.0 | 5.0 | 5.0 | 14.5 | 23.5 |
| 5 | 6.0 | 2.0 | 1.0 | 2.0 | 1.0 | 2.5 | .5 | 1.0 | 2.5 | 3.5 | 3.5 | 5.5 | 11.5 | 10.5 | 11.0 | 9.5 | 8.5 | 14.0 | 17.5 | 10.0 | 7.0 | 11.0 | 7.0 | 10.5 | 6.5 | 17.5 |
| 6 | 9.5 | 10.5 | 6.0 | 5.5 | 8.0 | 6.5 | 1.5 | 3.0 | 9.5 | 5.0 | 7.5 | 7.0 | 13.5 | 4.5 | 3.5 | 9.5 | 7.0 | 2.5 | 3.0 | 7.5 | 3.5 | 2.5 | 2.5 | 4.0 | 6.0 | 13.5 |
| 7 | 1.0 | .5 | .5 | 1.0 | 2.0 | 3.0 | 1.5 | 4.5 | 8.5 | 11.0 | 8.5 | 9.0 | 11.0 | 8.5 | 7.0 | 8.0 | 4.0 | 3.5 | 5.5 | 5.0 | 4.0 | 3.0 | 2.0 | 3.5 | 5.0 | 11.0 |
| 8 | 4.5 | 4.5 | 8.0 | 11.5 | 5.0 | 3.0 | 5.5 | 2.0 | 5.5 | 6.0 | 5.0 | 6.5 | 4.5 | 5.0 | 4.5 | 12.5 | 10.5 | 5.5 | 6.0 | 6.0 | 9.5 | 7.0 | 6.0 | 3.0 | 6.0 | 12.5 |
| 9 | 1.5 | 4.0 | 4.5 | 3.5 | 2.5 | 2.5 | 1.0 | 1.5 | 1.5 | 4.0 | 4.0 | 5.0 | 5.5 | 6.0 | 6.5 | 7.5 | 9.5 | 12.5 | 17.0 | 14.0 | 12.5 | 8.5 | 9.0 | 4.0 | 6.0 | 17.0 |
| 10 | 2.0 | 3.0 | 1.0 | 3.0 | 3.0 | 1.5 | 1.0 | 1.5 | 3.0 | 4.0 | 4.0 | 4.5 | 4.5 | 10.0 | 13.0 | 8.0 | 9.0 | 7.0 | 6.0 | 2.5 | 1.0 | 7.0 | 6.5 | 3.5 | 4.5 | 13.0 |
| 11 | 3.0 | 2.0 | 2.0 | 1.5 | 4.0 | 3.0 | 3.5 | 1.5 | 2.5 | 2.0 | 10.5 | 18.0 | 18.5 | 8.5 | 17.5 | 24.0 | 26.5 | 24.0 | 24.0 | 21.5 | 21.0 | 13.0 | 7.5 | 6.0 | 11.0 | 26.5 |
| 12 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.0 | 2.0 | 3.0 | 4.0 | 12.0 | 22.5 | 19.5 | 17.0 | 12.5 | 13.0 | 12.5 | 13.0 | 14.5 | 14.5 | 12.5 | 6.5 | 2.0 | 1.0 | 5.5 | 6.5 | 22.5 |
| 13 | 2.5 | 2.5 | 2.5 | 2.5 | 4.0 | 2.0 | 1.5 | 2.5 | 2.5 | 2.5 | 4.5 | 4.0 | 5.0 | 6.5 | 7.0 | 7.0 | 5.5 | 5.5 | 4.5 | 4.5 | 5.0 | 7.0 | 7.5 | 2.5 | 4.0 | 7.5 |
| 14 | 2.5 | 1.0 | 1.5 | 1.5 | .5 | 1.0 | 1.0 | 2.0 | 3.0 | 1.5 | 2.0 | 3.0 | 6.5 | 9.0 | 9.5 | 8.5 | 14.0 | 16.0 | 12.5 | 18.0 | 16.0 | 11.5 | 17.0 | 14.5 | 7.0 | 18.0 |
| 15 | 11.0 | 8.0 | 13.0 | 15.5 | 12.5 | 15.0 | 20.5 | 16.0 | 16.0 | 15.5 | 12.5 | 11.5 | 16.0 | 18.0 | 20.5 | 18.5 | 17.5 | 18.5 | 17.0 | 17.5 | 19.0 | 18.0 | 17.5 | 18.5 | 16.0 | 20.5 |
| 16 | 11.5 | 7.0 | 6.5 | 8.0 | 4.5 | 6.0 | 6.5 | 7.0 | 7.0 | 7.5 | 7.0 | 7.5 | 6.5 | 6.0 | 5.0 | 5.5 | 4.5 | 3.0 | 3.0 | 4.5 | 4.0 | 1.0 | 1.0 | .5 | 5.5 | 11.5 |
| 17 | .5 | 1.5 | 1.0 | 1.0 | 1.0 | .5 | 1.0 | 1.5 | 1.5 | 1.5 | 3.0 | 3.0 | 5.5 | 7.0 | 7.0 | 6.0 | 5.0 | 5.5 | 3.5 | 5.0 | 7.5 | 3.0 | 4.0 | 3.0 | 3.5 | 7.5 |
| 18 | 2.0 | 4.0 | 5.5 | 2.5 | 3.0 | 4.0 | 1.5 | 1.5 | 2.0 | 3.0 | 5.0 | 6.5 | 7.0 | 16.5 | 17.0 | 17.0 | 12.5 | 16.5 | 6.0 | 13.0 | 13.0 | 2.0 | 4.0 | 6.0 | 7.0 | 17.0 |
| 19 | 7.0 | 2.0 | 8.0 | 10.5 | 9.5 | 1.0 | .5 | 2.0 | 2.5 | 5.5 | 6.5 | 7.0 | 6.0 | 14.5 | 10.5 | 10.5 | 15.0 | 9.5 | 6.5 | 6.0 | 15.5 | 13.0 | 9.0 | 4.5 | 7.5 | 15.5 |
| 20 | 6.5 | 6.5 | 4.0 | 6.0 | 7.0 | 7.5 | 7.5 | 3.5 | 5.0 | 3.0 | 4.5 | 7.5 | 17.5 | 9.5 | 17.0 | 13.5 | 10.0 | 9.0 | 9.0 | 4.5 | 3.5 | 2.0 | 4.0 | 2.5 | 7.0 | 17.5 |
| 21 | 2.5 | 4.0 | 1.0 | 2.5 | 2.0 | 2.0 | 2.0 | 2.5 | 3.5 | 5.0 | 12.5 | 15.5 | 20.5 | 9.5 | 6.5 | 1.0 | 2.0 | 5.0 | 4.5 | 1.0 | 1.0 | 6.0 | 4.5 | 6.5 | 5.0 | 20.5 |
| 22 | 4.0 | .5 | .5 | 1.0 | 1.0 | 2.0 | 1.0 | 1.0 | 1.0 | 2.0 | 5.0 | 7.0 | 12.0 | 9.5 | 14.0 | 13.5 | 14.5 | 14.0 | 12.0 | 3.0 | 1.5 | 1.0 | 4.5 | 10.5 | 5.5 | 14.5 |
| 23 | 6.5 | 3.0 | 1.5 | 2.5 | 3.0 | 5.0 | 3.0 | 3.5 | 3.5 | 4.0 | 4.0 | 4.5 | 6.0 | 6.5 | 6.0 | 5.0 | 3.0 | 8.5 | 8.5 | 8.5 | 4.5 | 3.0 | 7.5 | 7.0 | 5.0 | 8.5 |
| 24 | 10.5 | 6.0 | 12.5 | 8.0 | 16.0 | 5.5 | 5.5 | 2.5 | 3.5 | 4.5 | 4.5 | 5.0 | 5.0 | 5.5 | 12.0 | 12.5 | 11.5 | 10.0 | 6.0 | 2.5 | 3.5 | 2.0 | 2.0 | 5.0 | 6.5 | 16.0 |
| 25 | 4.5 | 4.0 | 1.5 | 3.0 | 2.5 | 2.5 | 2.5 | 2.5 | 3.0 | 4.0 | 3.0 | 6.5 | 15.5 | 14.5 | 14.0 | 16.0 | 6.5 | 4.5 | 5.0 | 5.5 | 2.0 | 1.5 | 3.0 | 2.5 | 5.5 | 16.0 |
| 26 | 2.5 | 3.0 | 3.0 | 2.5 | 2.5 | 1.0 | 1.5 | 3.0 | 3.5 | 4.5 | 5.5 | 5.5 | 7.5 | 7.5 | 5.5 | 5.5 | 6.5 | 4.5 | 4.5 | 5.5 | 5.0 | 3.5 | 1.0 | 1.0 | 4.0 | 7.5 |
| 27 | 1.0 | 3.0 | 2.5 | 2.5 | 1.5 | 2.0 | 1.5 | 3.0 | 3.0 | 3.5 | 4.0 | 5.0 | 8.5 | 10.5 | 9.0 | 9.5 | 10.0 | 10.0 | 8.5 | 4.5 | 4.0 | 2.5 | 2.0 | 2.5 | 5.0 | 10.5 |
| 28 | 3.5 | 3.5 | 6.5 | 3.0 | 2.5 | 2.5 | 1.0 | 1.0 | 6.5 | 5.0 | 6.0 | 12.5 | 9.0 | 7.0 | 16.0 | 19.0 | 17.5 | 17.0 | 17.0 | 19.0 | 17.5 | 16.5 | 9.0 | 4.0 | 9.5 | 19.0 |
| 29 | 3.0 | 3.5 | 3.0 | 2.5 | 4.5 | 3.5 | 2.0 | 1.5 | 2.5 | 4.5 | 6.0 | 5.0 | 7.0 | 8.5 | 9.0 | 19.0 | 16.5 | 13.0 | 13.0 | 8.5 | 7.0 | 6.5 | 3.5 | 1.5 | 6.5 | 19.0 |
| 30 | 2.0 | 2.5 | 3.5 | 6.0 | 3.5 | 2.5 | 2.5 | 6.0 | 3.5 | 4.0 | 6.5 | 7.0 | 9.5 | 8.0 | 16.0 | 3.5 | 16.5 | 14.5 | 17.0 | 13.5 | 9.5 | 3.5 | 4.5 | 5.5 | 7.0 | 17.0 |
| 31 | 2.5 | 2.0 | 1.5 | 2.0 | 1.0 | 1.5 | 1.0 | 1.0 | 5.0 | 4.5 | 4.5 | 5.5 | 8.0 | 11.5 | 7.0 | 7.5 | 10.5 | 14.0 | 7.0 | 2.5 | 3.5 | 4.0 | 2.5 | 2.0 | 4.5 | 14.0 |
| AV | 4.0 | 4.0 | 4.5 | 4.5 | 4.5 | 3.5 | 3.5 | 3.5 | 4.5 | 5.5 | 6.5 | 7.5 | 9.5 | 9.5 | 10.5 | 10.5 | 10.5 | 10.5 | 9.5 | 8.0 | 7.5 | 6.0 | 5.5 | 5.0 | 6.5 | [ ] |
| SD | 3.1 | 3.0 | 4.0 | 4.1 | 3.9 | 3.2 | 4.4 | 4.5 | 4.0 | 4.2 | 4.7 | 4.5 | 5.0 | 3.5 | 4.6 | 5.3 | 5.3 | 5.6 | 5.5 | 5.4 | 5.6 | 4.8 | 4.0 | 4.0 | 2.8 | [ ] |

OUTPT [VERSION N 28 JUL 76]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 7

JUNE,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.0 | 4.5 | 3.5 | 3.5 | 2.0 | 3.0 | 3.0 | 3.0 | 3.5 | 4.5 | 5.0 | 7.0 | 7.0 | 9.5 | 14.0 | 16.0 | 16.5 | 17.5 | 14.0 | 7.0 | 6.0 | 2.5 | 3.0 | 2.5 | 6.5 | 17.5 |
| 2 | 2.5 | 2.5 | 3.5 | 4.5 | 3.5 | 4.0 | 3.0 | 5.5 | 7.5 | 8.0 | 6.0 | 7.0 | 16.5 | 13.5 | 20.5 | 19.5 | 15.5 | 16.5 | 17.0 | 11.0 | 7.5 | 9.5 | 2.5 | 3.5 | 9.0 | 20.5 |
| 3 | 3.0 | 4.5 | 4.0 | 5.5 | 5.0 | 4.5 | 3.5 | 4.0 | 3.5 | 14.5 | 22.5 | 23.0 | 24.5 | 20.5 | 19.0 | 21.0 | 21.5 | 20.0 | 17.5 | 13.5 | 9.0 | 16.5 | 10.0 | 6.5 | 12.5 | 24.5 |
| 4 | 3.0 | 4.5 | 4.5 | 2.5 | 4.0 | 5.0 | 3.0 | 5.0 | 5.5 | 4.0 | 13.5 | 20.5 | 19.5 | 20.5 | 17.5 | 17.5 | 18.0 | 15.0 | 14.5 | 11.5 | 5.5 | 10.5 | 5.5 | 2.5 | 9.5 | 20.5 |
| 5 | 5.0 | 3.5 | 2.0 | 4.5 | 2.0 | 3.0 | 3.0 | 2.5 | 4.0 | 2.5 | 4.5 | 6.5 | 14.0 | 14.0 | 14.0 | 15.5 | 15.5 | 14.0 | 14.0 | 14.0 | 10.0 | 1.5 | 1.5 | 1.0 | 7.0 | 15.5 |
| 6 | 1.0 | 1.0 | 2.0 | 1.5 | 5.0 | 5.0 | 2.0 | 2.5 | 2.5 | 14.5 | 20.0 | 20.5 | 19.5 | 19.0 | 18.5 | 15.5 | 14.5 | 16.0 | 22.5 | 23.0 | 19.0 | 19.5 | 22.0 | 15.0 | 12.5 | 23.0 |
| 7 | 6.5 | 7.0 | 4.5 | 3.0 | 5.0 | 3.0 | 1.0 | 2.0 | 4.0 | 5.5 | 10.5 | 14.0 | 14.0 | 10.5 | 14.0 | 15.0 | 16.5 | 17.0 | 18.5 | 12.5 | 11.5 | 3.5 | 4.0 | 3.0 | 8.5 | 18.5 |
| 8 | 2.5 | 3.0 | 4.5 | 5.0 | 2.5 | 3.0 | 3.0 | 2.0 | 15.0 | 17.0 | 19.5 | 22.0 | 21.0 | 23.5 | 18.0 | 12.0 | 17.0 | 17.0 | 15.5 | 14.5 | 10.0 | 12.5 | 4.5 | 3.5 | 11.0 | 23.5 |
| 9 | 2.5 | 2.0 | 3.5 | 2.5 | 3.5 | 2.5 | 2.0 | 6.5 | 9.0 | 4.5 | 8.0 | 20.0 | 21.0 | 18.5 | 18.5 | 18.0 | 19.5 | 21.0 | 19.0 | 15.5 | 8.5 | 11.5 | 4.0 | 3.0 | 10.0 | 21.0 |
| 10 | 2.5 | 1.5 | 3.0 | 3.0 | 5.0 | 2.5 | 9.0 | 14.5 | 22.0 | 22.5 | 21.5 | 22.0 | 22.5 | 24.0 | 25.5 | 29.5 | 28.0 | 26.0 | 23.5 | 20.5 | 14.0 | 8.5 | 10.0 | 4.5 | 15.0 | 29.5 |
| 11 | 2.0 | 3.0 | 4.0 | 4.0 | 8.5 | 7.5 | 4.0 | 8.5 | 17.0 | 21.5 | 21.0 | 21.0 | 21.0 | 13.5 | 16.0 | 19.0 | 19.0 | 21.5 | 17.5 | 18.5 | 8.0 | 7.5 | 12.0 | 12.0 | 13.0 | 21.5 |
| 12 | 6.0 | 4.0 | 3.5 | 3.5 | 2.5 | 2.5 | 4.0 | 4.0 | 8.5 | 11.5 | 13.5 | 14.5 | 13.0 | 13.0 | 16.5 | 16.0 | 14.0 | 11.5 | 14.5 | 10.5 | 9.5 | 5.0 | 4.0 | 2.5 | 8.5 | 16.5 |
| 13 | 6.5 | 5.5 | 5.0 | 4.5 | 4.0 | 3.5 | 2.5 | 4.0 | 6.0 | 8.5 | 10.0 | 15.5 | 11.5 | 10.5 | 11.0 | 15.5 | 17.0 | 20.0 | 10.0 | 11.5 | 12.5 | 7.5 | 10.5 | 15.5 | 9.5 | 20.0 |
| 14 | 11.0 | 11.0 | 11.0 | 10.5 | 12.5 | 11.0 | 12.0 | 9.0 | 9.0 | 11.5 | 10.5 | 10.0 | 9.0 | 7.0 | 6.5 | 7.0 | 6.5 | 8.5 | 17.0 | 21.0 | 14.0 | 8.0 | 3.0 | 3.0 | 10.0 | 21.0 |
| 15 | 2.0 | 3.0 | 2.5 | 1.5 | 2.0 | 2.5 | 1.5 | 2.5 | 3.5 | 4.5 | 5.0 | 5.0 | 5.0 | 5.5 | 5.0 | 6.5 | 6.5 | 5.0 | 2.5 | 10.0 | 18.0 | 13.0 | 11.0 | 14.5 | 6.0 | 18.0 |
| 16 | 12.5 | 11.0 | 7.0 | 3.0 | 3.5 | 4.0 | 4.0 | 4.5 | 3.5 | 6.0 | 8.5 | 6.0 | 10.0 | 13.5 | 13.5 | 16.0 | 19.5 | 18.5 | 7.0 | 16.5 | 19.5 | 17.0 | 16.0 | 10.5 | 10.5 | 19.5 |
| 17 | 5.5 | 3.0 | 2.5 | 2.0 | 1.0 | 2.0 | 2.0 | 2.5 | 3.5 | 2.5 | 4.5 | 7.5 | 9.5 | 10.0 | 10.5 | 10.0 | 9.5 | 9.0 | 8.0 | 9.0 | 5.5 | 12.0 | 12.0 | 5.0 | 6.0 | 12.0 |
| 18 | 1.0 | 3.0 | 3.0 | 1.0 | 1.5 | 2.5 | 1.5 | 2.0 | 3.5 | 4.5 | 7.5 | 11.0 | 8.5 | 8.5 | 10.5 | 8.0 | 9.5 | 12.5 | 12.0 | 14.5 | 18.0 | 19.0 | 12.5 | 10.0 | 7.5 | 19.0 |
| 19 | 5.0 | 3.0 | 3.5 | 2.5 | 2.5 | 2.5 | 2.0 | 2.5 | 3.5 | 4.0 | 5.0 | 5.0 | 5.5 | 7.0 | 7.0 | 7.0 | 5.5 | 5.0 | 4.5 | 8.5 | 6.5 | 3.0 | 2.5 | 2.0 | 4.5 | 8.5 |
| 20 | 2.5 | 3.5 | 4.5 | 4.0 | 4.5 | 5.0 | 2.5 | 2.5 | 4.0 | 8.0 | 7.0 | 11.5 | 14.0 | 21.0 | 22.0 | 21.0 | 20.5 | 19.0 | 21.5 | 22.0 | 20.5 | 21.5 | 13.0 | 11.5 | 12.0 | 22.0 |
| 21 | 12.0 | 13.5 | 7.5 | 4.0 | 3.5 | 1.5 | 1.5 | 3.0 | 5.0 | 7.0 | 13.5 | 18.5 | 19.0 | 17.0 | 19.0 | 20.0 | 16.5 | 16.5 | 17.0 | 17.0 | 16.5 | 17.5 | 16.0 | 16.0 | 12.5 | 20.0 |
| 22 | 15.5 | 16.0 | 18.5 | 23.5 | 34.0 | 17.5 | 16.0 | 16.0 | 21.0 | 17.0 | 15.5 | 7.0 | 6.0 | 12.5 | 12.5 | 16.5 | 14.0 | 17.0 | 6.0 | 5.0 | 4.0 | 4.5 | 10.5 | 3.5 | 13.5 | 34.0 |
| 23 | 3.5 | 3.5 | 5.5 | 1.5 | 2.5 | 3.5 | 3.5 | 5.0 | 10.5 | 10.0 | 9.5 | 10.0 | 13.0 | 13.0 | 14.5 | 17.5 | 21.5 | 23.5 | 26.0 | 23.5 | 16.0 | 8.0 | 4.0 | 5.0 | 10.5 | 26.0 |
| 24 | 2.5 | 2.5 | 2.0 | 2.5 | 2.0 | 2.5 | 2.5 | 1.0 | 5.0 | 7.5 | 10.0 | 8.0 | 9.0 | 12.5 | 11.0 | 7.5 | 6.0 | 14.5 | 19.0 | 19.0 | 15.5 | 15.5 | 7.5 | 4.5 | 8.0 | 19.0 |
| 25 | 4.0 | 4.5 | 2.5 | 2.0 | 2.0 | 2.0 | 2.5 | 2.5 | 3.0 | 4.5 | 10.5 | 18.5 | 20.0 | 17.5 | 21.0 | 17.5 | 16.5 | 14.0 | 18.5 | 17.5 | 17.0 | 13.5 | 14.0 | 5.0 | 10.5 | 21.0 |
| 26 | 5.0 | 4.0 | 5.5 | 5.0 | 2.5 | 2.0 | 3.5 | 9.5 | 9.0 | 10.0 | 13.5 | 12.5 | 8.0 | 7.0 | 8.5 | 8.0 | 10.0 | 8.0 | 8.0 | 6.0 | 6.0 | 2.0 | 2.5 | 2.5 | 6.5 | 13.5 |
| 27 | 4.0 | 4.5 | 2.5 | 3.0 | 1.5 | 1.0 | 1.5 | 3.0 | 3.5 | 3.0 | 3.5 | 4.5 | 8.5 | 12.5 | 12.0 | 8.0 | 10.0 | 11.5 | 9.5 | 10.5 | 7.5 | 3.5 | 3.5 | 3.5 | 5.5 | 12.5 |
| 28 | 3.5 | 3.0 | 5.5 | 2.5 | 2.5 | 3.5 | 2.5 | 2.5 | 3.5 | 3.5 | 7.5 | 5.0 | [MT] | 6.0 | 8.0 | 9.0 | 5.5 | 7.0 | 7.0 | 8.0 | 7.5 | 4.5 | 4.0 | 6.0 | 5.0 | 9.0 |
| 29 | 7.5 | 3.0 | 3.5 | 3.0 | 1.5 | 2.0 | 1.0 | 2.0 | 4.5 | 4.5 | 3.5 | 4.5 | 5.5 | 9.0 | 17.0 | 15.0 | 6.0 | 6.0 | 13.5 | 15.5 | 18.5 | 22.5 | 21.5 | 22.0 | 9.0 | 22.5 |
| 30 | 17.0 | 20.0 | 13.5 | 6.0 | 3.0 | 3.0 | 2.5 | 3.0 | 9.5 | 16.0 | 16.5 | 17.0 | 17.5 | 22.0 | 18.0 | 20.0 | 23.5 | 7.0 | 7.5 | 15.0 | 9.0 | 5.5 | 6.5 | 7.5 | 12.0 | 23.5 |
| 31 | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] |
| AV | 5.5 | 5.5 | 5.0 | 4.0 | 4.5 | 4.0 | 3.5 | 4.5 | 7.0 | 9.0 | 11.0 | 12.5 | 13.5 | 13.5 | 14.5 | 15.0 | 14.5 | 14.5 | 14.0 | 14.0 | 11.5 | 10.0 | 8.5 | 7.0 | 9.5 | [ ] |
| SD | 4.1 | 4.4 | 3.5 | 4.0 | 5.9 | 3.2 | 3.2 | 3.5 | 5.2 | 5.6 | 5.7 | 6.3 | 5.9 | 5.4 | 4.9 | 5.4 | 5.9 | 5.6 | 5.9 | 4.9 | 5.0 | 6.1 | 5.6 | 5.3 | 2.7 | [ ] |

OUTPT [VERSION N 28 JUL 76]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 7

JULY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 6.0 | 5.5 | 8.5 | 4.0 | 3.5 | 7.0 | 7.5 | 5.0 | 11.0 | 9.5 | 8.0 | 10.5 | 8.5 | 17.5 | 9.0 | 11.0 | 9.0 | 12.5 | 11.5 | 8.5 | 9.0 | 3.0 | 6.0 | 2.5 | 8.0 | 12.5 |
| 2 | 5.0 | 17.0 | 21.0 | 20.0 | 12.5 | 5.0 | 5.5 | 5.0 | 6.0 | 4.5 | 5.0 | 6.0 | 7.5 | 8.5 | 14.5 | 20.0 | 17.5 | 17.0 | 12.5 | 8.5 | 7.0 | 2.5 | 6.0 | 10.0 | 10.0 | 21.0 |
| 3 | 15.0 | 15.0 | 11.5 | 4.0 | 4.5 | 5.0 | 2.0 | 4.0 | 3.5 | 4.0 | 4.5 | 6.0 | 5.0 | 9.5 | 8.0 | 6.5 | 9.0 | 5.0 | 5.5 | 8.0 | 4.0 | 3.0 | 3.5 | 2.5 | 6.0 | 15.0 |
| 4 | 3.5 | 3.0 | 2.0 | 2.5 | 3.0 | 1.5 | 2.0 | 2.5 | 4.0 | 4.0 | 4.5 | 4.5 | 5.5 | 13.5 | 12.0 | 12.0 | 17.0 | 13.5 | 12.0 | 7.5 | 4.5 | 3.0 | 6.0 | 5.0 | 6.0 | 17.0 |
| 5 | 4.0 | 3.5 | 3.0 | 3.5 | 3.0 | 2.5 | 2.5 | 3.0 | 3.5 | 5.0 | 7.5 | 8.0 | 6.5 | 8.5 | 8.5 | 9.5 | 7.0 | 7.0 | 6.5 | 8.5 | 8.0 | 2.5 | 2.0 | 3.5 | 5.5 | 9.5 |
| 6 | 4.0 | 3.5 | 4.5 | 2.5 | 3.0 | 3.5 | 3.0 | 2.5 | 4.5 | 4.5 | 4.0 | 6.0 | 6.5 | 5.5 | 9.0 | 9.0 | 6.5 | 13.5 | 14.5 | 9.0 | 9.0 | 4.0 | 4.0 | 4.5 | 6.0 | 14.5 |
| 7 | 3.5 | 4.5 | 5.5 | 5.0 | 4.5 | 3.5 | 4.0 | 3.0 | 3.5 | 4.5 | 10.0 | 14.5 | 10.5 | 13.5 | 26.0 | 11.5 | 8.5 | 19.5 | 25.5 | 16.0 | 17.5 | 14.5 | 19.5 | 16.5 | 11.0 | 26.0 |
| 8 | 15.5 | 5.5 | 5.5 | 4.5 | 4.5 | 2.5 | 2.0 | 3.0 | 3.0 | 5.5 | 8.0 | 8.5 | 10.0 | 10.0 | 8.5 | 8.5 | 9.5 | 6.5 | 4.0 | 12.0 | 14.5 | 5.0 | 4.5 | 5.5 | 7.0 | 15.5 |
| 9 | 4.0 | 3.5 | 5.5 | 5.0 | 3.5 | 3.0 | 3.0 | 3.0 | 5.0 | 7.0 | 7.0 | 8.0 | 8.0 | 11.5 | 13.5 | 11.0 | 7.5 | 5.5 | 4.0 | 4.5 | 4.0 | 6.5 | 17.0 | 19.5 | 7.0 | 19.5 |
| 10 | 7.5 | 6.0 | 4.5 | 4.0 | 4.5 | 2.0 | 2.0 | 3.5 | 3.5 | 4.5 | 5.5 | 6.0 | 6.5 | 8.0 | 10.0 | 17.0 | 13.5 | 8.0 | 7.5 | 7.5 | 18.5 | 18.0 | 10.0 | 6.0 | 7.5 | 18.5 |
| 11 | 2.5 | 3.0 | 2.5 | 2.5 | 2.5 | 3.5 | 2.0 | 1.5 | 2.5 | 4.0 | 5.0 | 5.5 | 6.5 | 7.5 | 9.0 | 14.0 | 11.5 | 9.0 | 19.5 | 6.5 | 5.0 | 9.5 | 4.5 | 3.5 | 6.0 | 19.5 |
| 12 | 4.5 | 5.5 | 12.0 | 13.5 | 14.0 | 5.0 | 2.0 | 6.0 | 7.0 | 8.0 | 4.5 | 6.0 | 13.5 | 17.0 | 9.5 | 10.5 | 10.5 | 15.5 | 9.5 | 9.5 | 12.0 | 6.5 | 8.0 | 9.0 | 9.0 | 17.0 |
| 13 | 9.0 | 7.0 | 2.0 | 3.5 | 4.0 | 3.0 | 3.5 | 2.5 | 3.0 | 4.0 | 5.5 | 5.5 | 8.0 | 11.5 | 10.0 | 8.5 | 10.5 | 8.0 | 3.5 | 6.5 | 6.5 | 2.5 | 6.5 | 3.0 | 5.5 | 11.5 |
| 14 | 3.5 | 3.5 | 2.5 | 3.5 | 4.0 | 2.5 | 3.0 | 2.5 | 2.5 | 7.5 | 10.0 | 10.5 | 8.5 | 10.0 | 18.0 | 17.5 | 10.5 | 10.5 | 9.0 | 7.0 | 3.0 | 4.0 | 6.0 | 6.0 | 7.0 | 18.0 |
| 15 | 5.0 | 2.5 | 2.5 | 3.5 | 4.0 | 2.0 | 2.0 | 2.0 | 4.5 | 7.0 | 7.5 | 6.5 | 8.5 | 8.0 | 6.0 | 8.0 | 6.5 | 5.0 | 2.5 | 4.0 | 5.5 | 6.0 | 4.0 | 2.5 | 5.0 | 8.5 |
| 16 | 2.5 | 3.5 | 2.0 | 1.5 | 3.5 | 2.5 | 1.5 | 1.5 | 2.5 | 3.5 | 5.5 | 5.5 | 7.5 | 7.0 | 8.0 | 6.5 | 9.5 | 7.5 | 7.5 | 12.5 | 5.5 | 5.5 | 12.0 | 17.0 | 6.0 | 17.0 |
| 17 | 6.5 | 4.0 | 3.0 | 3.5 | 3.5 | 3.5 | 3.0 | 2.5 | 6.0 | 7.5 | 7.5 | 7.5 | 7.0 | 7.5 | 10.5 | 7.5 | 16.0 | 17.0 | 20.5 | 13.5 | 9.5 | 11.5 | 7.5 | 8.5 | 8.0 | 20.5 |
| 18 | 4.0 | 7.5 | 12.5 | 5.0 | 5.5 | 3.0 | 2.0 | 2.0 | 3.0 | 4.0 | 5.0 | 11.0 | 6.5 | 12.0 | 15.0 | 15.5 | 13.0 | 12.0 | 7.5 | 8.0 | 10.5 | 5.0 | 4.0 | 2.5 | 7.5 | 15.5 |
| 19 | 1.5 | 4.5 | 7.5 | 3.0 | 1.5 | 2.5 | 1.5 | 1.5 | 3.0 | 4.0 | 4.5 | 6.0 | 6.0 | 9.5 | 15.0 | 17.0 | 11.5 | 8.0 | 19.0 | 21.0 | 17.0 | 13.0 | 9.5 | 11.0 | 8.5 | 21.0 |
| 20 | 14.5 | 6.0 | 3.0 | 4.0 | 3.0 | 3.5 | 6.0 | 4.5 | 4.5 | 4.0 | 5.5 | 4.5 | 5.5 | 5.5 | 7.0 | 16.0 | 22.0 | 12.0 | 7.5 | 9.5 | 8.0 | 3.0 | 1.5 | 2.5 | 7.0 | 22.0 |
| 21 | 2.0 | 2.5 | 3.5 | 2.5 | 2.5 | 1.0 | 1.0 | 1.0 | 3.0 | 3.5 | 5.0 | 6.0 | 8.5 | 8.0 | 8.5 | 8.0 | 16.0 | 9.0 | 7.0 | 8.0 | 11.5 | 11.0 | 4.0 | 5.0 | 6.0 | 16.0 |
| 22 | 4.0 | 3.0 | 2.5 | 2.0 | 1.5 | 2.0 | 2.5 | 2.5 | 3.0 | 3.0 | 4.5 | 6.0 | 7.0 | 9.0 | 8.0 | 9.5 | 11.5 | 6.0 | 11.0 | 9.5 | 4.5 | 3.5 | 2.5 | 4.0 | 5.0 | 11.5 |
| 23 | 3.5 | 2.5 | 1.5 | 2.0 | 3.5 | 2.0 | 3.0 | 4.0 | 4.0 | 4.0 | 5.0 | 5.5 | 6.5 | 8.0 | 9.0 | 9.5 | 8.0 | 10.0 | 8.5 | 6.0 | 10.5 | 12.0 | 13.5 | 10.0 | 6.5 | 13.5 |
| 24 | 4.0 | 4.0 | 4.0 | 4.0 | 4.5 | 3.0 | 3.0 | 5.5 | 6.5 | 4.5 | 5.0 | 6.0 | 7.0 | 7.0 | 7.5 | 6.5 | 12.5 | 15.0 | 13.0 | 12.5 | 16.0 | 13.0 | 14.0 | 17.0 | 8.0 | 17.0 |
| 25 | 7.5 | 7.0 | 7.0 | 4.5 | 8.0 | 7.0 | 4.0 | 9.0 | 9.5 | 5.0 | 5.0 | 6.0 | 9.0 | 22.5 | 17.0 | 15.0 | 17.0 | 9.0 | 3.5 | 10.0 | 7.5 | 5.5 | 2.0 | 3.0 | 8.5 | 22.5 |
| 26 | 2.0 | 1.0 | 3.0 | 2.0 | 4.0 | 1.5 | 1.5 | 1.5 | 2.0 | 3.5 | 4.0 | 5.0 | 5.0 | 7.0 | 10.0 | 17.5 | 11.0 | 6.5 | 5.5 | 4.5 | 3.5 | 1.5 | 7.5 | 16.0 | 5.5 | 17.5 |
| 27 | 14.5 | 7.5 | 2.5 | 2.5 | .5 | 2.5 | 2.0 | 2.5 | 5.0 | 6.0 | 4.0 | 5.5 | 8.5 | 8.0 | 8.0 | 9.0 | 13.5 | 15.5 | 13.5 | 7.5 | 2.5 | 3.0 | 2.5 | 3.5 | 6.5 | 15.5 |
| 28 | 1.5 | 2.5 | 4.0 | 2.0 | 3.5 | 2.0 | 2.5 | 2.5 | 3.0 | 3.0 | 4.0 | 6.0 | 9.5 | 11.5 | 19.0 | 21.5 | 11.0 | 7.0 | 7.0 | 7.5 | 3.5 | 3.0 | 3.5 | 2.5 | 6.0 | 21.5 |
| 29 | 2.5 | 3.5 | 3.5 | 2.0 | 3.0 | 3.5 | 3.0 | 2.5 | 3.5 | 4.5 | 5.5 | 6.5 | 6.5 | 17.0 | 9.0 | 16.0 | 13.0 | 11.0 | 11.0 | 7.5 | 8.5 | 11.5 | 17.5 | 18.0 | 8.0 | 18.0 |
| 30 | 12.0 | 10.0 | 5.5 | 4.5 | 1.5 | 2.0 | 2.5 | 4.5 | 5.0 | 4.5 | 7.0 | 8.0 | 7.5 | 5.5 | 7.5 | 9.5 | 9.5 | 10.5 | 18.0 | 12.5 | 5.0 | 16.0 | 21.0 | 19.0 | 8.5 | 21.0 |
| 31 | 8.5 | 4.5 | 5.0 | 11.0 | 6.5 | 3.5 | 3.0 | 3.0 | 5.0 | 6.5 | 7.5 | 8.5 | 9.0 | 9.5 | 8.5 | 6.5 | 8.5 | 15.5 | 9.5 | 16.5 | 20.5 | 9.0 | 5.0 | 5.5 | 8.0 | 20.5 |
| AV | 6.0 | 5.0 | 5.5 | 4.5 | 4.0 | 3.0 | 3.0 | 3.0 | 4.5 | 5.0 | 6.0 | 7.0 | 7.5 | 10.0 | 11.0 | 12.0 | 11.5 | 10.5 | 10.0 | 9.5 | 9.0 | 7.0 | 7.5 | 8.0 | 7.0 | [ ] |
| SD | 4.2 | 3.4 | 4.1 | 3.7 | 2.8 | 1.4 | 1.4 | 1.6 | 2.0 | 1.6 | 1.7 | 2.2 | 1.8 | 3.7 | 4.3 | 4.3 | 3.6 | 4.0 | 5.5 | 3.7 | 4.9 | 4.6 | 5.3 | 5.8 | 1.5 | [ ] |

OUTPT [VERSION N 28 JUL 76]

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 7

MAY,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 19/SEP/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | PREV | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 345 | 330 | 270 | 195 | 10 | 120 | 55 | 40 | 280 | 255 | 280 | 260 | 240 | 250 | 255 | 275 | 260 | 265 | 230 | 90 | (VA) | 300 | 305 | 170 | (VA) | |
| 2 | 315 | 330 | 65 | 235 | (VA) | 335 | 350 | 20 | 65 | 175 | 220 | 255 | 245 | 255 | 305 | 260 | 215 | 200 | 215 | 210 | 80 | 315 | 330 | 305 | 11 | |
| 3 | 350 | 345 | 35 | (VA) | 330 | 20 | (VA) | (VA) | (VA) | 140 | 185 | 335 | 265 | 235 | 195 | 215 | 225 | 200 | 200 | 180 | 175 | 205 | 230 | 215 | 10 | |
| 4 | 250 | 180 | 180 | 180 | 180 | 195 | 190 | 180 | 195 | 230 | 230 | 230 | 220 | 215 | 220 | 230 | 300 | 320 | 295 | 195 | 180 | 170 | 170 | 190 | 9 | |
| 5 | 205 | (VA) | 50 | (VA) | (VA) | (VA) | (VA) | 245 | 240 | 260 | 240 | 250 | 295 | 295 | 290 | 295 | 335 | 315 | 20 | 345 | 15 | 290 | 325 | 265 | 14 | |
| 6 | 270 | 260 | 215 | 190 | 205 | (VA) | 290 | 300 | 50 | 345 | 310 | 315 | 215 | 250 | 340 | 230 | (VA) | (VA) | 30 | 160 | 265 | 270 | 250 | 205 | 13 | |
| 7 | 170 | 145 | 355 | (VA) | (VA) | 110 | (VA) | (VA) | 95 | 340 | 35 | 75 | 30 | 0 | 30 | 325 | 35 | 335 | 310 | 220 | 225 | 130 | (VA) | 200 | 16 | |
| 8 | 205 | 225 | 225 | 200 | (VA) | 145 | 215 | (VA) | (VA) | (VA) | 200 | 195 | 225 | 205 | 295 | 210 | 220 | 200 | (VA) | 90 | 80 | 205 | 200 | 350 | (VA) | |
| 9 | 190 | 175 | 200 | 195 | 240 | 285 | 110 | (VA) | 220 | 290 | 245 | 280 | 280 | 270 | 305 | 315 | 305 | 315 | 250 | 115 | 240 | 215 | 205 | 205 | 12 | |
| 10 | 300 | 340 | 200 | (VA) | 30 | 305 | 320 | 260 | 260 | 230 | 270 | 270 | 250 | 195 | 190 | 215 | 200 | 220 | 250 | 205 | 75 | 195 | 180 | 230 | 10 | |
| 11 | 235 | 205 | 325 | 335 | 230 | 15 | 350 | 335 | 245 | 275 | 255 | 260 | 275 | 240 | 255 | 275 | 280 | 280 | 270 | 280 | 280 | 300 | 270 | 215 | 12 | |
| 12 | (VA) | (VA) | 20 | 0 | 345 | 355 | 0 | 270 | 180 | 220 | 345 | 355 | 320 | 330 | 345 | 350 | 330 | 355 | 340 | 300 | 325 | 280 | 315 | 265 | 16 | |
| 13 | (VA) | 240 | 320 | 305 | 325 | 330 | 325 | 60 | 30 | (VA) | 220 | 265 | 275 | 305 | 300 | 15 | 210 | 215 | 215 | 205 | 140 | 230 | 190 | 315 | 15 | |
| 14 | 270 | 330 | 335 | 120 | 75 | (VA) | (VA) | 30 | 320 | 180 | 305 | 245 | 280 | 285 | 280 | 190 | 230 | 225 | 200 | 190 | 200 | 200 | 180 | 190 | 9 | |
| 15 | (VA) | 305 | 345 | 25 | (VA) | (VA) | (VA) | (VA) | 5 | 100 | (VA) | (VA) | 335 | (VA) | (VA) | (VA) | 305 | 30 | 345 | 330 | 50 | (VA) | (VA) | 35 | 16 | |
| 16 | (VA) | (VA) | 335 | 350 | (VA) | (VA) | (VA) | 0 | (VA) | (VA) | 5 | 40 | 320 | 345 | 275 | 300 | 315 | (VA) | 355 | 45 | 70 | 145 | 335 | 300 | 16 | |
| 17 | 265 | 315 | 340 | (VA) | 85 | (VA) | 70 | 10 | 305 | 250 | 210 | 240 | 280 | 325 | 315 | 170 | 255 | 300 | 295 | (VA) | 85 | 320 | 285 | 280 | 14 | |
| 18 | 315 | 330 | 315 | (VA) | (VA) | (VA) | 140 | (VA) | 320 | 280 | 315 | 320 | 275 | 225 | 220 | 210 | 230 | 235 | 310 | 225 | 270 | 255 | 200 | 135 | 11 | |
| 19 | 265 | (VA) | 205 | 210 | 210 | 215 | 240 | 195 | 235 | 280 | 300 | 235 | 305 | 190 | 325 | 260 | 175 | 200 | 205 | 190 | 225 | 5 | (VA) | 195 | 10 | |
| 20 | 15 | 235 | 275 | 215 | 210 | 225 | 200 | 250 | 255 | 220 | (VA) | 220 | 180 | 135 | 185 | 195 | 210 | 200 | 290 | 95 | 135 | 210 | 235 | 235 | (VA) | |
| 21 | 210 | 200 | 345 | 320 | (VA) | (VA) | 55 | 330 | 185 | 350 | 195 | 185 | 220 | 180 | 200 | 240 | 325 | 310 | 245 | 230 | 290 | 260 | 275 | 175 | 10 | |
| 22 | 220 | 280 | 280 | 245 | 165 | (VA) | 285 | 295 | 245 | 235 | 265 | 300 | 310 | 245 | 210 | 185 | 200 | 190 | 200 | 210 | 295 | 15 | 200 | 205 | 10 | |
| 23 | 225 | 265 | 290 | 210 | 225 | 230 | 245 | 200 | 215 | 195 | 255 | 235 | 275 | 245 | 220 | 320 | 250 | 345 | (VA) | (VA) | (VA) | (VA) | (VA) | (VA) | 11 | |
| 24 | (VA) | (VA) | 20 | 345 | 45 | 20 | 320 | 255 | 255 | 290 | 295 | 285 | 200 | 205 | 175 | 330 | 265 | 75 | 300 | 50 | 265 | 70 | 215 | 275 | 13 | |
| 25 | 235 | 265 | 325 | 305 | 55 | 295 | 320 | 350 | 235 | 240 | 210 | 275 | 315 | 235 | 215 | 300 | 280 | (VA) | (VA) | 140 | 185 | (VA) | (VA) | 170 | (VA) | |
| 26 | 290 | 290 | 170 | 280 | 290 | 290 | 25 | 325 | 245 | 265 | (VA) | (VA) | 350 | 290 | 285 | 280 | 260 | 300 | 0 | (VA) | (VA) | (VA) | 310 | 325 | 14 | |
| 27 | 280 | 60 | 350 | 330 | (VA) | (VA) | 265 | 150 | 300 | 310 | 270 | 270 | 325 | 265 | 275 | 270 | 285 | 295 | 350 | (VA) | (VA) | 235 | 210 | 300 | 14 | |
| 28 | 340 | 355 | 345 | 280 | (VA) | (VA) | (VA) | 45 | 145 | 0 | 285 | 345 | (VA) | 265 | 200 | 205 | 205 | 220 | 190 | 185 | 170 | 175 | 220 | 210 | 10 | |
| 29 | 170 | 255 | 325 | 270 | 160 | 225 | (VA) | 165 | 250 | 10 | 255 | 290 | 240 | 235 | 200 | 310 | 315 | 330 | 320 | 300 | 285 | 285 | 255 | 240 | (VA) | |
| 30 | 165 | (VA) | 240 | 195 | (VA) | 285 | 285 | 215 | (VA) | 25 | 285 | 275 | 255 | 255 | 55 | 190 | 220 | (VA) | (VA) | (VA) | 220 | 235 | 310 | 245 | (VA) | |
| 31 | 225 | 350 | 335 | (VA) | (VA) | (VA) | 80 | 345 | 50 | 30 | 275 | 265 | 280 | 215 | 170 | 185 | 235 | 280 | 275 | 270 | 80 | 170 | 260 | 265 | 13 | |
| PV | 11 | 16 | 16 | 10 | 10 | (VA) | (VA) | 16 | 12 | 13 | 13 | 12 | 13 | 11 | 10 | 13 | 11 | 10 | 14 | 10 | 13 | 10 | 10 | 10 | 11 | |

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 7

JUNE,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | PREV | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 335 | (VA) | (VA) | 85 | 260 | 275 | (VA) | 30 | (VA) | 325 | 325 | 280 | 230 | 240 | 225 | 220 | 240 | 260 | 260 | 255 | 290 | 295 | 255 | 265 | 12 | |
| 2 | 230 | 310 | 35 | (VA) | (VA) | (VA) | 345 | 325 | 25 | 55 | 20 | 235 | 265 | 235 | 185 | 185 | 195 | 200 | 185 | 200 | 170 | 155 | 210 | 155 | 10 | |
| 3 | 270 | 255 | 350 | 50 | (VA) | 55 | 10 | 45 | 175 | 205 | 175 | 180 | 185 | 205 | 215 | 195 | 205 | 200 | 220 | 225 | 195 | 170 | 190 | 190 | 10 | |
| 4 | 170 | 235 | 135 | (VA) | 60 | 80 | 60 | 50 | 55 | 50 | 205 | 185 | 180 | 185 | 200 | 180 | 195 | 205 | 215 | 225 | 180 | 165 | 210 | 240 | 10 | |
| 5 | 170 | 120 | 230 | 10 | 40 | 70 | 75 | 40 | 45 | 295 | 305 | 45 | 185 | 180 | 175 | 175 | 185 | 190 | 190 | 165 | 155 | 115 | 215 | 225 | 9 | |
| 6 | 340 | 350 | 355 | 5 | 15 | 10 | 355 | (VA) | 235 | 190 | 195 | 180 | 195 | 195 | 190 | 195 | 175 | 165 | 155 | 155 | 155 | 165 | 160 | 145 | 8 | |
| 7 | 255 | 250 | 195 | 120 | 60 | 85 | 315 | 70 | 230 | 200 | 160 | 195 | 260 | 275 | 250 | 205 | 215 | 190 | 160 | 155 | 155 | 235 | 250 | 280 | 12 | |
| 8 | 305 | 280 | 10 | 60 | 35 | 45 | 20 | (VA) | 170 | 180 | 185 | 185 | 190 | 180 | 185 | 235 | 190 | 195 | 210 | 245 | 205 | 170 | 205 | 165 | (VA) | |
| 9 | 135 | 85 | 255 | 335 | 20 | 70 | 20 | 35 | 50 | 300 | 260 | 185 | 190 | 195 | 190 | 195 | 205 | 210 | 205 | 205 | 185 | 165 | 280 | 315 | 9 | |
| 10 | 280 | 330 | 0 | 315 | 275 | 235 | 190 | 180 | 175 | 310 | 180 | 180 | 180 | 185 | 185 | 190 | 185 | 180 | 195 | 200 | 285 | 300 | 270 | 240 | 9 | |
| 11 | 210 | 205 | 175 | 180 | 210 | 225 | 225 | 285 | 230 | 195 | 200 | 195 | 195 | 285 | 255 | 240 | 230 | 300 | 300 | 285 | 30 | 195 | 170 | 195 | 10 | |
| 12 | 215 | 200 | 200 | 160 | 180 | 240 | 225 | 215 | 240 | 250 | 250 | 250 | 285 | 265 | 255 | 255 | 240 | 250 | 255 | 285 | 235 | 255 | (VA) | (VA) | 11 | |
| 13 | 145 | 190 | 270 | 190 | 220 | 155 | 240 | 40 | 355 | 40 | 275 | 260 | 305 | 315 | 315 | 335 | 320 | 290 | 330 | 280 | 40 | 125 | 10 | 65 | 15 | |
| 14 | 55 | 110 | 175 | 170 | 170 | 170 | 175 | 210 | 250 | 250 | 230 | 225 | 230 | 230 | 255 | 285 | (VA) | 355 | 35 | 25 | 30 | 35 | 55 | 105 | 11 | |
| 15 | (VA) | 70 | 275 | 225 | 315 | 0 | 335 | 55 | (VA) | 45 | 325 | 195 | 235 | 245 | 230 | 220 | 240 | 280 | 250 | 155 | 170 | 185 | 200 | 180 | (VA) | |
| 16 | 180 | 200 | 275 | 20 | 35 | 20 | 70 | 145 | 220 | 255 | 295 | 205 | 305 | 315 | 310 | 325 | 315 | 290 | 270 | 285 | 295 | 350 | 125 | 145 | 14 | |
| 17 | 235 | 50 | 330 | 140 | 230 | 165 | 225 | 350 | 285 | 315 | 10 | 15 | 270 | 270 | 55 | 55 | 350 | 130 | 180 | 165 | 115 | 50 | 70 | 70 | 3 | |
| 18 | 65 | (VA) | 35 | (VA) | 45 | 0 | (VA) | 285 | 230 | 270 | 225 | 290 | 300 | 315 | 310 | 350 | 340 | 25 | 45 | 55 | 45 | 50 | 65 | 45 | 3 | |
| 19 | 45 | 295 | 260 | 330 | (VA) | 15 | 330 | 255 | 225 | 265 | 200 | 235 | 285 | 245 | 235 | 280 | 295 | 10 | 60 | 40 | 45 | 45 | (VA) | 50 | 3 | |
| 20 | 40 | 60 | 85 | 85 | 70 | 55 | 110 | (VA) | 55 | 45 | 40 | 260 | 245 | 180 | 195 | 200 | 210 | 200 | 190 | 180 | 175 | 175 | 215 | 165 | 9 | |
| 21 | 160 | 165 | 120 | 115 | 120 | (VA) | 25 | 35 | 55 | 275 | 250 | 250 | 245 | 235 | 245 | 240 | 220 | 210 | 190 | 175 | 175 | 175 | 170 | 170 | 9 | |
| 22 | 165 | 170 | 185 | 165 | 180 | 155 | 165 | 100 | 145 | 125 | 65 | 330 | 15 | 100 | 350 | 345 | 355 | 280 | 80 | 100 | 170 | (VA) | 80 | (VA) | 9 | |
| 23 | 240 | 240 | 210 | 160 | 170 | 150 | 190 | 225 | 235 | 245 | 240 | 210 | 230 | 230 | 250 | 280 | 260 | 275 | 285 | 280 | 320 | 350 | 15 | 25 | 12 | |
| 24 | 155 | 325 | 300 | (VA) | 335 | 285 | 325 | 295 | 255 | 255 | 245 | 260 | 260 | 240 | 230 | 220 | 225 | 290 | 295 | 290 | 275 | 265 | 255 | 150 | (VA) | |
| 25 | 190 | 295 | (VA) | 50 | 90 | 50 | 55 | 35 | 265 | 230 | 270 | 230 | 240 | 215 | 245 | 210 | 220 | 240 | 250 | 255 | 240 | 205 | 175 | 195 | 11 | |
| 26 | 160 | 190 | 170 | 205 | 300 | (VA) | 65 | 45 | 45 | 45 | 45 | 35 | 65 | 260 | 265 | 275 | 295 | 305 | 335 | 340 | 15 | 65 | 115 | 335 | 3 | |
| 27 | 340 | 340 | 10 | 55 | 60 | 40 | 15 | 75 | (VA) | 170 | 270 | 255 | 270 | 280 | 265 | 270 | 235 | 290 | 325 | 330 | 350 | 75 | 90 | 0 | (VA) | |
| 28 | 320 | 20 | 95 | (VA) | (VA) | 215 | 235 | 290 | 230 | 210 | 35 | 0 | (MT) | 255 | 265 | 305 | 310 | 25 | 35 | 40 | 30 | 75 | 265 | 60 | 11 | |
| 29 | 180 | 170 | 290 | 325 | 35 | 40 | 340 | 30 | 50 | (VA) | 145 | 175 | 235 | 260 | 220 | 200 | 300 | 5 | 65 | 115 | 155 | 165 | 170 | 175 | 9 | |
| 30 | 170 | 175 | 175 | 70 | 35 | 60 | 30 | 290 | 235 | 220 | 205 | 175 | 185 | 185 | 180 | 180 | 210 | 300 | 275 | 150 | 175 | 185 | 180 | 235 | 9 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PV | 8 | 9 | 9 | (VA) | 3 | 3 | (VA) | 3 | 11 | 12 | 10 | 10 | 13 | 13 | 12 | 10 | 10 | 14 | 9 | 8 | 9 | 9 | 10 | (VA) | 9 | |

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 7

JULY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | PREV | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 270 | 205 | 215 | 130 | 215 | 190 | 210 | 260 | 225 | 205 | 250 | 255 | 120 | 120 | 130 | 110 | 135 | 195 | 195 | 190 | 160 | 225 | 240 | 315 | 11 | |
| 2 | 75 | 50 | 55 | 60 | 70 | 110 | 200 | 190 | 245 | 210 | 240 | 260 | 305 | 310 | 255 | 245 | 255 | 240 | 230 | 250 | 325 | 340 | 345 | 55 | 12 | |
| 3 | 65 | 45 | 60 | 110 | 210 | 195 | 175 | 225 | 235 | 335 | 210 | 200 | 355 | 280 | 300 | 80 | 350 | 10 | 5 | 35 | 55 | 330 | 350 | 315 | [VA] | |
| 4 | 305 | 350 | 0 | 60 | 5 | 50 | 50 | 100 | 35 | 130 | 280 | 290 | 340 | 265 | 265 | 275 | 250 | 230 | 255 | 240 | 80 | 270 | 195 | 110 | [VA] | |
| 5 | 15 | 335 | 175 | 345 | 35 | 20 | 25 | 70 | 5 | 250 | 280 | 270 | 280 | 260 | 315 | 280 | 280 | 225 | 335 | 0 | 90 | 65 | 290 | 210 | 13 | |
| 6 | 180 | 60 | 220 | 220 | 290 | 50 | 10 | 45 | 95 | 260 | 185 | 165 | 260 | 5 | 240 | 170 | 140 | 260 | 315 | 300 | 290 | 145 | 210 | 155 | [VA] | |
| 7 | 225 | 155 | 135 | 350 | 70 | 80 | 70 | 85 | 75 | 245 | 275 | 220 | 90 | 145 | 170 | 110 | 195 | 160 | 180 | 165 | 160 | 165 | 160 | 140 | 8 | |
| 8 | 170 | 245 | 305 | 20 | 70 | 100 | 70 | 30 | 290 | 260 | 275 | 270 | 260 | 305 | 160 | 185 | 220 | 275 | 340 | 160 | 150 | 230 | 225 | 270 | 13 | |
| 9 | 260 | 190 | 220 | 230 | 220 | 115 | 50 | 40 | 200 | 250 | 225 | 245 | 285 | 290 | 205 | 200 | 225 | 215 | 155 | 110 | 170 | 230 | 225 | 180 | 10 | |
| 10 | 145 | 190 | 270 | [VA] | 75 | 115 | 25 | 40 | 350 | 295 | 295 | 320 | 290 | 305 | 265 | 155 | 155 | 130 | 290 | 55 | 100 | 115 | 140 | 235 | 14 | |
| 11 | 290 | [VA] | 65 | 10 | 305 | 325 | 330 | [VA] | 275 | 265 | 290 | 250 | 240 | 280 | 290 | 235 | 230 | 210 | 285 | 325 | 150 | 180 | 170 | 160 | 14 | |
| 12 | 225 | 235 | 190 | 185 | 185 | 250 | 175 | 190 | 220 | 285 | 220 | 345 | 290 | 350 | 100 | 135 | 150 | 150 | 185 | 290 | 15 | 10 | 40 | 75 | 9 | |
| 13 | 65 | 105 | 225 | 45 | 65 | 60 | 225 | 245 | 165 | 295 | 5 | 220 | 250 | 315 | 270 | 305 | 320 | 265 | 320 | 5 | 30 | 185 | 210 | 145 | 11 | |
| 14 | 155 | 130 | 55 | 80 | 195 | 50 | 285 | 240 | 215 | 0 | 45 | 30 | 330 | 305 | 265 | 260 | 255 | 260 | 295 | 310 | 0 | 140 | 200 | 195 | 14 | |
| 15 | 185 | 270 | 330 | 335 | 5 | 260 | 115 | 190 | 35 | 30 | 40 | 50 | 25 | 115 | 310 | 150 | 255 | 0 | [VA] | 35 | 45 | 60 | 70 | 225 | 3 | |
| 16 | 275 | 300 | 120 | 340 | 195 | 70 | [VA] | [VA] | 320 | 40 | 45 | 220 | 290 | 260 | 295 | 220 | 310 | 325 | 350 | 30 | 55 | 170 | 180 | 165 | 14 | |
| 17 | 215 | 225 | 45 | 70 | 100 | 135 | 75 | 275 | 230 | 275 | 275 | 285 | 290 | 310 | 55 | 330 | 335 | 335 | 300 | 225 | [VA] | 175 | 120 | 75 | [VA] | |
| 18 | [VA] | 45 | 130 | 340 | 30 | 165 | 140 | 175 | [VA] | 320 | 280 | 280 | 255 | 300 | 290 | 290 | 275 | 270 | 275 | 170 | 130 | [VA] | 345 | 245 | 13 | |
| 19 | 140 | 180 | 185 | 255 | 315 | 35 | 10 | 240 | 170 | 240 | 245 | 275 | 265 | 210 | 185 | 165 | 180 | 190 | 175 | 180 | 175 | 245 | 195 | 105 | 9 | |
| 20 | 125 | [VA] | 260 | 245 | 120 | 135 | 155 | 40 | 225 | 145 | 200 | 170 | 230 | 240 | [VA] | 260 | 260 | [VA] | 235 | 180 | 185 | 265 | 200 | 200 | 11 | |
| 21 | 300 | 300 | 335 | 345 | 65 | 295 | 15 | 290 | 45 | 275 | 240 | 260 | 225 | 190 | 215 | [VA] | 325 | 330 | 325 | 320 | 355 | 5 | 230 | 195 | 14 | |
| 22 | 215 | 225 | 320 | 140 | 295 | 320 | 0 | 30 | 60 | 240 | 340 | 55 | 110 | 130 | 315 | 45 | 10 | 15 | 0 | 0 | 45 | [VA] | 330 | 305 | 1 | |
| 23 | 190 | 275 | [VA] | 355 | 65 | 25 | 50 | 40 | 60 | 30 | 275 | 355 | 355 | 65 | 105 | 10 | 10 | 20 | 40 | 20 | 95 | 140 | 160 | 105 | 2 | |
| 24 | 45 | 5 | 30 | 325 | 65 | [VA] | [VA] | 40 | 50 | 0 | 270 | 275 | [VA] | 250 | 285 | 225 | 235 | 175 | 175 | 180 | 165 | 210 | 180 | 175 | 9 | |
| 25 | 205 | 205 | 215 | 205 | 190 | 195 | 205 | 175 | 305 | 285 | 25 | 60 | 170 | 170 | 00 | 115 | 230 | 220 | 120 | 30 | 80 | 155 | [VA] | 190 | 10 | |
| 26 | 130 | 85 | 120 | 280 | 95 | 225 | 290 | 45 | 120 | 155 | 190 | 225 | 225 | 255 | 255 | 180 | 175 | 190 | 165 | 160 | 15 | 285 | 235 | 165 | 9 | |
| 27 | 185 | 210 | 155 | 265 | 55 | 30 | 315 | [VA] | 220 | 235 | 180 | 310 | [VA] | 295 | [VA] | 275 | 315 | 330 | 340 | 290 | 350 | 105 | [VA] | 300 | [VA] | |
| 28 | 195 | 280 | 160 | 330 | 340 | 350 | 20 | 110 | 80 | 285 | 210 | 170 | 255 | 330 | 335 | 5 | 340 | 340 | 315 | 335 | 205 | 150 | 275 | 310 | 16 | |
| 29 | 110 | 325 | 30 | [VA] | 20 | [VA] | [VA] | 5 | 20 | [VA] | 280 | 260 | 305 | [VA] | 80 | 320 | 330 | 340 | 10 | 35 | 45 | 55 | 45 | 55 | 3 | |
| 30 | 10 | 15 | 55 | 255 | 135 | 195 | [VA] | 210 | 255 | 355 | 5 | 345 | 305 | [VA] | 280 | 265 | 310 | 335 | 310 | 280 | 170 | 65 | 50 | 55 | [VA] | |
| 31 | 90 | 355 | 290 | 255 | 285 | 80 | 160 | 300 | 320 | 350 | 315 | 355 | 350 | 310 | 350 | 330 | 0 | 275 | 230 | 210 | 205 | 220 | 75 | 60 | [VA] | |
| PV | 9 | 11 | 3 | 16 | 4 | 3 | 2 | 3 | 11 | 13 | [VA] | 13 | 13 | [VA] | [VA] | 13 | 11 | 16 | 15 | 9 | 8 | 9 | 10 | 10 | 13 | |

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 10

MAY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.5 | 2.5 | 2.5 | 2.5 | 3.5 | 2.5 | 1.5 | 2.5 | 2.5 | 3.0 | 4.0 | 5.0 | 5.5 | 6.5 | 5.5 | 6.0 | 6.0 | 4.0 | 2.5 | 3.0 | 3.0 | 2.5 | 3.5 | 2.5 | 3.5 | 6.5 |
| 2 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.5 | 2.0 | 1.5 | 2.0 | 2.5 | 4.0 | 4.5 | 5.5 | 5.0 | 5.5 | 3.5 | 3.0 | 3.0 | 1.0 | 3.0 | 2.0 | 2.0 | 2.5 | 2.0 | 3.0 | 5.5 |
| 3 | 1.5 | 2.0 | 2.0 | 2.5 | 2.5 | 2.5 | 2.5 | 1.5 | 2.0 | 2.5 | 3.0 | 3.0 | 4.5 | 8.0 | 10.5 | 6.5 | 9.0 | 10.0 | 6.5 | 3.5 | 6.0 | 5.5 | 2.5 | 3.5 | 4.5 | 10.5 |
| 4 | 6.5 | 6.0 | 6.0 | 6.5 | 4.5 | 6.0 | 10.0 | 14.5 | 10.0 | 13.0 | 12.0 | 13.0 | 12.0 | 10.5 | 9.5 | 8.5 | 9.5 | 13.5 | 8.0 | 3.0 | 2.5 | 3.0 | 6.0 | 3.5 | 8.5 | 14.5 |
| 5 | 2.5 | 2.5 | 2.0 | 2.5 | 4.0 | 2.5 | 1.5 | 2.0 | 2.5 | 4.0 | 5.5 | 6.5 | 9.0 | 9.0 | 9.0 | 8.5 | 8.0 | 9.5 | 8.5 | 3.0 | 3.0 | 8.0 | 8.0 | 8.0 | 5.5 | 9.5 |
| 6 | 9.0 | 8.0 | 2.5 | 2.5 | 3.0 | 2.0 | 1.5 | 4.5 | 3.0 | 4.5 | 11.5 | 4.5 | 6.0 | 3.0 | 5.5 | 6.5 | 7.0 | 2.5 | 2.5 | 4.0 | 2.5 | 2.0 | 1.5 | 2.0 | 4.0 | 11.5 |
| 7 | 2.0 | 1.0 | 2.0 | 1.5 | 2.0 | 1.0 | 1.0 | 3.0 | 5.5 | 5.5 | 5.5 | 6.5 | 8.5 | 6.5 | 5.0 | 5.0 | 4.5 | 5.5 | 7.0 | 2.5 | 2.5 | 2.5 | 2.5 | 2.0 | 4.0 | 8.5 |
| 8 | 3.5 | 4.0 | 4.0 | 2.0 | 3.0 | 1.5 | 4.5 | 5.5 | 5.5 | 4.5 | 4.5 | 4.5 | 4.0 | 3.5 | 6.5 | 9.0 | 6.5 | 5.0 | 2.5 | 2.0 | 2.0 | 2.0 | 2.5 | 1.5 | 4.0 | 9.0 |
| 9 | 1.5 | 1.5 | 2.0 | 1.5 | 1.0 | 1.5 | 1.5 | 1.5 | 2.5 | 4.0 | 4.5 | 4.5 | 4.0 | 4.0 | 4.5 | 6.5 | 10.0 | 10.5 | 8.0 | 9.0 | 6.5 | 5.5 | 3.5 | 2.0 | 4.0 | 10.5 |
| 10 | 2.0 | 2.0 | 2.0 | 2.0 | 1.5 | 2.0 | 1.0 | 2.0 | 2.5 | 2.5 | 3.0 | 3.5 | 4.0 | 9.0 | 7.0 | 5.0 | 4.0 | 4.0 | 3.0 | 2.0 | 2.0 | 2.5 | 3.0 | 2.5 | 3.0 | 9.0 |
| 11 | 2.5 | 1.5 | 1.0 | 1.5 | 2.0 | 2.5 | 2.0 | 1.5 | 1.5 | 3.5 | 11.0 | 13.5 | 10.5 | 9.0 | 14.5 | 21.5 | 21.5 | 19.5 | 20.5 | 18.5 | 18.5 | 12.5 | 6.5 | 3.5 | 9.0 | 21.5 |
| 12 | 2.5 | 2.5 | 2.5 | 1.5 | 2.5 | 2.5 | 2.5 | 2.0 | 3.5 | 7.0 | 18.0 | 16.5 | 11.0 | 12.0 | 8.5 | 9.0 | 9.5 | 10.5 | 5.0 | 2.5 | 2.5 | 2.0 | 2.5 | 2.5 | 6.0 | 18.0 |
| 13 | 2.0 | 2.5 | 2.5 | 2.5 | 2.5 | 1.5 | 2.0 | 1.5 | 2.0 | 2.5 | 4.0 | 4.5 | 3.5 | 5.0 | 5.0 | 4.0 | 4.0 | 3.0 | 2.0 | 3.0 | 2.5 | 2.0 | 3.0 | 2.5 | 3.0 | 5.0 |
| 14 | 2.5 | 2.5 | 2.5 | 2.0 | 1.0 | 1.0 | 1.0 | 2.5 | 2.0 | 2.5 | 3.0 | 4.0 | 6.0 | 6.5 | 7.5 | 9.5 | 10.5 | 9.0 | 6.0 | 5.0 | 4.5 | 4.5 | 6.0 | 6.0 | 4.5 | 10.5 |
| 15 | 6.0 | 7.5 | 2.5 | 4.5 | 6.5 | 11.5 | 11.5 | 10.0 | 12.5 | 12.5 | 11.0 | 10.5 | 12.5 | 15.5 | 15.0 | 14.5 | 15.0 | 16.0 | 15.5 | 14.0 | 11.5 | 8.5 | 7.5 | 8.0 | 11.0 | 16.0 |
| 16 | 6.0 | 4.0 | 3.0 | 3.0 | 3.5 | 2.5 | 3.5 | 4.0 | 5.5 | 5.5 | 5.5 | 6.0 | 5.0 | 5.0 | 5.0 | 4.5 | 3.0 | 3.0 | 1.5 | 3.0 | 2.5 | 1.5 | 2.5 | 2.5 | 4.0 | 6.0 |
| 17 | 2.0 | 2.5 | 2.5 | 1.5 | 2.0 | 1.0 | 2.0 | 2.5 | 2.5 | 2.5 | 3.5 | 4.0 | 4.5 | 6.0 | 5.0 | 4.0 | 4.5 | 3.0 | 2.0 | 2.5 | 2.0 | 3.0 | 3.5 | 3.0 | 3.0 | 6.0 |
| 18 | 2.5 | 2.5 | 2.0 | 2.0 | 3.0 | 1.5 | 1.5 | 1.5 | 2.5 | 3.5 | 5.0 | 6.0 | 8.0 | 11.5 | 9.5 | 7.5 | 6.5 | 6.0 | 7.0 | 8.0 | 4.0 | 2.5 | 4.5 | 4.0 | 4.5 | 11.5 |
| 19 | 4.0 | 2.5 | 3.0 | 6.5 | 4.0 | 2.5 | 1.5 | 1.5 | 3.0 | 6.5 | 8.0 | 3.5 | 7.0 | 14.0 | 9.5 | 8.5 | 10.0 | 3.5 | 2.0 | 4.5 | 6.0 | 3.5 | 4.0 | 4.0 | 5.0 | 14.0 |
| 20 | 1.5 | 2.5 | 3.0 | 2.5 | 2.5 | 4.0 | 2.0 | 2.5 | 4.5 | 5.5 | 6.5 | 8.0 | 7.0 | 9.5 | 9.0 | 8.0 | 6.5 | 5.0 | 5.0 | 4.5 | 2.5 | 2.0 | 2.0 | 2.5 | 4.5 | 9.5 |
| 21 | 2.5 | 2.0 | 2.0 | 2.0 | 1.5 | 2.5 | 2.5 | 4.0 | 2.5 | 4.5 | 8.5 | 9.0 | 9.0 | 5.0 | 4.0 | 2.5 | 2.5 | 3.5 | 2.5 | 2.0 | 3.5 | 4.5 | 2.5 | 3.0 | 3.5 | 9.0 |
| 22 | 1.0 | 1.5 | 2.0 | 2.5 | 2.5 | 1.5 | 1.0 | 1.0 | 2.5 | 2.5 | 3.5 | 8.0 | 4.5 | 5.0 | 4.5 | 6.5 | 10.0 | 8.0 | 3.5 | 3.5 | 1.5 | 2.0 | 2.5 | 3.5 | 3.5 | 10.0 |
| 23 | 1.0 | 1.5 | 2.0 | 1.0 | 2.0 | 1.5 | 2.0 | 2.0 | 2.5 | 2.5 | 3.5 | 4.0 | 4.5 | 6.0 | 4.0 | 5.5 | 4.0 | 3.0 | 6.5 | 4.5 | 2.5 | 2.5 | 6.5 | 7.0 | 3.5 | 7.0 |
| 24 | 4.0 | 5.0 | 3.5 | 8.5 | 5.0 | 2.0 | 1.0 | 2.5 | 4.0 | 4.5 | 4.5 | 3.5 | 3.0 | 5.5 | 7.0 | 12.0 | 7.5 | 4.5 | 2.5 | 3.0 | 2.0 | 2.5 | 3.5 | 2.0 | 4.5 | 12.0 |
| 25 | 2.5 | 2.0 | 2.5 | 2.5 | 3.0 | 2.0 | 1.5 | 1.5 | 2.5 | 3.0 | 4.5 | 7.5 | 12.0 | 9.5 | 14.0 | 9.5 | 3.5 | 4.0 | 4.0 | 3.0 | 3.5 | 2.5 | 2.5 | 2.5 | 4.5 | 14.0 |
| 26 | 2.0 | 2.0 | 2.5 | 1.5 | 2.5 | 2.5 | 1.5 | 2.0 | 2.5 | 4.0 | 3.5 | 4.5 | 6.0 | 6.5 | 7.5 | 5.0 | 4.0 | 3.0 | 2.5 | 2.5 | 2.5 | 2.5 | 2.0 | 1.5 | 3.0 | 7.5 |
| 27 | 2.5 | 2.0 | 2.5 | 2.5 | 2.5 | 1.0 | 2.0 | 2.5 | 2.5 | 3.5 | 3.5 | 4.5 | 6.0 | 5.0 | 6.5 | 5.5 | 3.5 | 5.5 | 2.5 | 2.5 | 2.5 | 3.5 | 2.0 | 2.0 | 3.5 | 6.5 |
| 28 | 1.0 | 1.5 | 3.5 | 3.5 | 2.5 | 2.5 | 1.5 | 2.0 | 2.5 | 2.5 | 7.0 | 9.5 | 5.5 | 10.5 | 11.5 | 9.5 | 11.5 | 9.0 | 9.0 | 6.0 | 3.5 | 4.0 | 3.0 | 3.5 | 5.5 | 11.5 |
| 29 | 3.0 | 2.5 | 3.0 | 2.5 | 3.0 | 2.0 | 1.5 | 2.5 | 3.0 | 3.5 | 3.5 | 5.5 | 5.5 | 6.0 | 8.0 | 16.0 | 11.5 | 10.0 | 8.0 | 5.0 | 9.0 | 5.0 | 2.5 | 2.0 | 5.0 | 16.0 |
| 30 | 1.5 | 3.0 | 1.5 | 1.5 | 2.0 | 2.5 | 2.5 | 3.5 | 3.5 | 4.0 | 2.5 | 4.5 | 6.5 | 5.0 | 4.0 | 9.5 | 7.0 | 8.0 | 8.5 | 3.5 | 2.5 | 3.0 | 2.5 | 2.5 | 4.0 | 9.5 |
| 31 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 1.0 | 1.5 | 2.5 | 2.0 | 3.0 | 3.5 | 5.5 | 6.5 | 6.0 | 7.0 | 6.0 | 8.0 | 6.0 | 2.5 | 4.0 | 3.0 | 2.0 | 2.5 | 2.5 | 3.5 | 8.0 |
| AV | 3.0 | 3.0 | 2.5 | 2.5 | 3.0 | 2.5 | 2.5 | 3.0 | 3.5 | 4.5 | 6.0 | 6.5 | 6.5 | 7.5 | 7.5 | 8.0 | 7.5 | 7.0 | 5.5 | 4.5 | 4.0 | 3.5 | 3.5 | 3.0 | 4.5 | [ ] |
| SD | 1.8 | 1.8 | .9 | 1.6 | 1.1 | 1.9 | 2.3 | 2.7 | 2.3 | 2.5 | 3.5 | 3.2 | 2.6 | 3.0 | 3.0 | 3.9 | 4.0 | 4.1 | 4.2 | 3.5 | 3.4 | 2.3 | 1.7 | 1.7 | 1.8 | [ ] |

OUTPT (VERSION N 28 JUL 76)

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 10

JUNE,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.0 | 1.5 | 2.0 | 2.0 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 4.5 | 6.0 | 5.5 | 4.5 | 7.0 | 7.5 | 12.0 | 10.5 | 10.5 | 6.0 | 2.0 | 4.5 | 4.5 | 2.5 | 2.0 | 4.5 | 12.0 |
| 2 | 1.5 | 2.5 | 1.5 | 2.5 | 3.0 | 2.5 | 2.5 | 2.0 | 2.5 | 2.5 | 3.5 | 10.0 | 9.5 | 7.5 | 10.5 | 9.5 | 9.5 | 8.0 | 6.5 | 6.0 | 4.0 | 3.5 | 3.5 | 2.5 | 5.0 | 10.5 |
| 3 | 2.0 | 2.5 | 2.5 | 2.0 | 3.0 | 2.0 | 2.5 | 2.0 | 3.5 | 10.5 | 16.0 | 11.5 | 13.5 | 13.0 | 10.5 | 14.0 | 12.5 | 11.5 | 8.0 | 8.0 | 5.5 | 3.5 | 3.5 | 3.0 | 7.0 | 16.0 |
| 4 | 1.0 | 2.5 | 2.5 | 3.0 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 4.0 | 10.5 | 11.0 | 11.5 | 11.0 | 11.0 | 10.5 | 10.0 | 10.0 | 7.0 | 6.0 | 2.5 | 5.0 | 3.0 | 3.5 | 6.0 | 11.5 |
| 5 | 3.5 | 2.5 | 2.0 | 2.5 | 2.5 | 2.0 | 2.5 | 2.0 | 2.0 | 3.5 | 5.5 | 6.0 | 8.5 | 7.5 | 9.0 | 9.5 | 9.5 | 8.5 | 5.5 | 3.5 | 4.5 | 4.0 | 2.5 | 2.5 | 4.5 | 9.5 |
| 6 | 2.0 | 2.5 | 2.5 | 2.0 | 2.5 | 2.0 | 1.5 | 2.5 | 2.5 | 10.0 | 13.0 | 10.5 | 8.5 | 12.5 | 9.5 | 8.0 | 8.0 | 13.0 | 14.0 | 9.0 | 4.5 | 9.5 | 7.5 | 4.0 | 6.5 | 14.0 |
| 7 | 2.5 | 2.0 | 2.5 | 3.0 | 2.0 | 2.0 | 2.5 | 2.5 | 4.5 | 6.5 | 7.0 | 7.5 | 7.0 | 8.0 | 9.5 | 8.5 | 10.0 | 7.5 | 8.0 | 6.5 | 3.5 | 5.5 | 3.0 | 2.5 | 5.0 | 10.0 |
| 8 | 3.0 | 2.0 | 2.5 | 2.5 | 3.0 | 2.0 | 1.5 | 2.5 | 5.5 | 8.5 | 10.0 | 11.0 | 13.0 | 12.5 | 8.5 | 8.0 | 10.0 | 8.5 | 9.5 | 7.0 | 4.5 | 4.0 | 2.0 | 3.5 | 6.0 | 13.0 |
| 9 | 3.5 | 3.5 | 2.5 | 3.0 | 2.5 | 2.5 | 2.0 | 2.5 | 2.5 | 5.5 | 6.0 | 10.5 | 13.0 | 12.0 | 12.5 | 13.5 | 12.5 | 10.5 | 10.5 | 8.0 | 4.0 | 3.5 | 4.0 | 3.0 | 6.5 | 13.5 |
| 10 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 6.0 | 10.0 | 14.5 | 12.5 | 13.5 | 13.0 | 16.5 | 16.5 | 20.0 | 19.0 | 16.5 | 15.0 | 10.0 | 11.0 | 9.5 | 5.5 | 2.0 | 9.5 | 20.0 |
| 11 | 2.0 | 4.0 | 2.5 | 2.5 | 4.5 | 3.0 | 7.0 | 9.0 | 9.0 | 12.0 | 12.0 | 13.0 | 13.0 | 11.5 | 9.5 | 11.5 | 12.0 | 15.5 | 14.5 | 14.5 | 4.0 | 4.5 | 4.0 | 5.0 | 8.5 | 15.5 |
| 12 | 4.5 | 3.0 | 2.5 | 3.0 | 2.5 | 2.5 | 2.0 | 2.5 | 5.5 | 7.5 | 9.5 | 8.5 | 8.5 | 11.0 | 11.0 | 8.5 | 8.0 | 7.5 | 9.0 | 8.0 | 5.5 | 4.5 | 3.5 | 3.0 | 6.0 | 11.0 |
| 13 | 2.0 | 3.0 | 5.0 | 2.5 | 2.5 | 3.5 | 2.0 | 2.5 | 4.0 | 3.5 | 8.0 | 11.0 | 10.0 | 6.0 | 9.0 | 8.0 | 14.0 | 13.5 | 5.5 | 4.0 | 7.0 | 3.5 | 10.5 | 9.5 | 6.5 | 14.0 |
| 14 | 10.0 | 5.0 | 2.5 | 3.5 | 5.5 | 4.0 | 2.5 | 4.5 | 8.0 | 6.5 | 8.5 | 6.0 | 6.5 | 7.0 | 5.0 | 5.5 | 5.5 | 5.5 | 10.0 | 13.0 | 9.5 | 3.0 | 3.5 | 2.5 | 6.0 | 13.0 |
| 15 | 2.0 | 3.0 | 1.5 | 2.5 | 2.5 | 2.5 | 2.0 | 2.0 | 2.5 | 3.5 | 4.0 | 5.0 | 5.5 | 4.0 | 5.5 | 5.0 | 5.5 | 3.5 | 2.5 | 5.5 | 7.0 | 8.5 | 4.0 | 3.5 | 4.0 | 8.5 |
| 16 | 3.0 | 2.5 | 2.0 | 2.5 | 2.5 | 2.5 | 3.0 | 2.5 | 4.0 | 4.5 | 2.5 | 2.5 | 7.5 | 11.5 | 6.0 | 13.5 | 15.0 | 12.5 | 11.0 | 14.5 | 13.5 | 11.0 | 13.0 | 6.5 | 7.0 | 15.0 |
| 17 | 4.0 | 3.5 | 5.0 | 1.5 | 1.5 | 2.0 | 2.0 | 2.5 | 3.5 | 3.0 | 5.0 | 5.5 | 7.5 | 8.5 | 6.5 | 6.5 | 10.0 | 4.5 | 5.0 | 2.5 | 4.0 | 3.5 | 5.5 | 2.5 | 4.5 | 10.0 |
| 18 | 1.5 | 2.0 | 1.5 | 2.0 | 2.0 | 1.5 | 1.5 | 2.5 | 3.0 | 3.5 | 7.5 | 10.5 | 8.5 | 9.0 | 9.0 | 5.5 | 5.5 | 7.0 | 10.0 | 12.0 | 9.5 | 7.0 | 4.5 | 2.0 | 5.5 | 12.0 |
| 19 | 2.0 | 2.0 | 1.5 | 2.5 | 2.0 | 1.5 | 1.0 | 2.5 | 3.5 | 3.0 | 3.5 | 3.5 | 5.0 | 6.0 | 4.5 | 4.5 | 4.0 | 4.5 | 2.5 | 2.5 | 2.0 | 1.0 | 1.0 | 1.5 | 3.0 | 6.0 |
| 20 | 2.0 | 2.5 | 2.5 | 2.0 | 2.5 | 2.0 | 1.5 | 2.0 | 2.5 | 3.0 | 4.0 | 6.5 | 8.5 | 11.5 | 12.5 | 11.5 | 11.5 | 12.0 | 11.0 | 9.5 | 7.0 | 7.5 | 5.0 | 5.0 | 6.0 | 12.5 |
| 21 | 6.0 | 4.0 | 5.0 | 4.5 | 3.0 | 2.5 | 2.0 | 2.0 | 3.0 | 3.5 | 9.5 | 11.0 | 12.0 | 12.0 | 13.5 | 13.0 | 8.5 | 10.0 | 8.0 | 9.5 | 6.0 | 5.5 | 7.0 | 5.0 | 7.0 | 13.5 |
| 22 | 3.0 | 4.0 | 6.5 | 10.0 | 17.5 | 8.0 | 12.0 | 14.0 | 11.5 | 9.0 | 11.5 | 3.0 | 7.0 | 4.5 | 7.5 | 10.0 | 14.5 | 12.0 | 5.0 | 2.5 | 3.5 | 3.0 | 2.5 | 1.0 | 7.5 | 17.5 |
| 23 | 2.5 | 2.5 | 1.5 | 2.5 | 2.0 | 2.0 | 1.0 | 5.0 | 8.5 | 7.0 | 6.0 | 8.5 | 8.5 | 10.0 | 10.5 | 13.5 | 17.0 | 20.0 | 23.5 | 20.0 | 12.5 | 3.5 | 2.5 | 2.0 | 8.0 | 23.5 |
| 24 | 2.0 | 2.0 | 2.5 | 2.5 | 3.0 | 2.0 | 1.0 | 2.0 | 3.0 | 6.5 | 5.5 | 7.5 | 8.0 | 8.0 | 5.0 | 6.0 | 6.0 | 13.0 | 14.0 | 13.0 | 8.5 | 6.5 | 3.5 | 3.0 | 5.5 | 14.0 |
| 25 | 3.0 | 3.5 | 2.5 | 3.0 | 2.5 | 2.0 | 2.0 | 2.0 | 2.0 | 2.5 | 8.5 | 11.5 | 11.0 | 12.5 | 14.5 | 9.0 | 8.5 | 10.0 | 11.0 | 10.0 | 8.0 | 5.5 | 6.0 | 4.0 | 6.5 | 14.5 |
| 26 | 4.5 | 3.0 | 2.5 | 2.5 | 2.5 | 2.5 | 3.5 | 6.0 | 7.5 | 5.5 | 4.0 | 6.5 | 4.0 | 6.0 | 5.5 | 5.5 | 5.0 | 4.0 | 4.5 | 2.5 | 2.0 | 2.5 | 2.5 | 2.5 | 4.0 | 7.5 |
| 27 | 3.0 | 2.5 | 2.0 | 2.0 | 2.0 | 1.5 | 2.0 | 2.0 | 2.5 | 2.5 | 3.0 | 3.0 | 5.0 | 8.5 | 6.5 | 8.5 | 7.5 | 7.0 | 5.5 | 9.5 | 6.5 | 4.0 | 3.5 | 1.5 | 4.0 | 9.5 |
| 28 | 2.5 | 2.0 | 1.5 | 2.5 | 2.5 | 1.5 | 1.5 | 1.5 | 2.0 | 3.5 | 4.0 | 3.5 | 3.5 | 4.0 | 4.5 | 7.5 | 5.5 | 5.5 | 5.0 | 2.5 | 2.0 | 1.5 | 2.5 | 2.0 | 3.0 | 7.5 |
| 29 | 2.5 | 2.5 | 2.5 | 3.0 | 3.0 | 2.5 | 2.0 | 2.5 | 2.5 | 2.5 | 3.0 | 4.5 | 4.5 | 6.5 | 10.0 | 6.0 | 4.0 | 4.5 | 13.5 | 10.5 | 10.0 | 11.0 | 8.5 | 9.5 | 5.5 | 13.5 |
| 30 | 7.0 | 5.0 | 5.0 | 3.5 | 2.5 | 2.0 | 2.5 | 3.0 | 9.5 | 8.5 | 8.5 | 8.5 | 11.5 | 12.0 | 10.5 | 10.5 | 12.5 | 4.5 | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | 7.0 | 12.5 |
| 31 | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | |
| AV | 3.0 | 3.0 | 2.5 | 3.0 | 3.0 | 2.5 | 2.5 | 3.5 | 4.5 | 5.5 | 7.5 | 8.0 | 8.5 | 9.5 | 9.0 | 9.5 | 9.5 | 9.5 | 9.0 | 8.0 | 6.0 | 5.0 | 4.5 | 3.5 | 6.0 | [ ] |
| SD | 1.8 | .9 | 1.2 | 1.4 | 2.8 | 1.2 | 2.0 | 2.5 | 2.8 | 3.1 | 3.4 | 3.2 | 3.0 | 3.1 | 3.0 | 3.4 | 3.8 | 4.0 | 4.5 | 4.4 | 3.1 | 2.6 | 2.6 | 2.0 | 1.5 | [ ] |

OUTPT [VERSION N 28 JUL 76]

WIND SPEED @ 10M
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**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
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* SUBJECT TO *
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**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | [ ] | [ ] |
| 2 | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | [ ] | [ ] |
| 3 | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | [ ] | [ ] |
| 4 | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | [ ] | [ ] |
| 5 | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | [ ] | [ ] |
| 6 | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | [ ] | [ ] |
| 7 | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | 7.0 | 7.0 | 10.5 | 12.5 | 11.5 | 8.5 | 10.0 | 13.0 | 6.5 | 6.5 | 6.5 | 9.5 | 9.0 | 13.0 |
| 8 | 9.0 | 3.0 | 3.0 | 2.5 | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | 4.5 | 9.0 |
| 9 | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | [ ] | [ ] |
| 10 | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | 3.0 | 4.0 | 5.0 | 4.0 | 4.5 | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | 4.0 | 5.0 |
| 11 | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | [ ] | [ ] |
| 12 | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | [ ] | [ ] |
| 13 | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | [ ] | [ ] |
| 14 | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | [ ] | [ ] |
| 15 | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | [ ] | [ ] |
| 16 | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | [ ] | [ ] |
| 17 | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | 2.5 | 2.5 | 2.5 | 2.5 |
| 18 | 3.5 | 8.0 | 4.0 | 2.5 | 1.5 | 1.5 | 1.5 | 1.5 | 2.5 | 3.0 | 4.5 | 5.5 | 4.5 | 9.5 | 11.5 | 12.0 | 9.5 | 8.0 | 3.0 | 3.5 | 6.5 | 3.0 | 3.5 | 1.0 | 5.0 | 12.0 |
| 19 | 2.0 | 2.5 | 1.0 | 1.5 | 2.5 | 1.5 | 2.5 | 2.0 | 2.5 | 3.0 | 3.0 | 4.0 | 4.5 | 5.5 | 10.0 | 12.5 | 6.0 | 6.0 | 11.0 | 7.0 | 7.0 | 11.0 | 8.0 | 9.5 | 5.5 | 12.5 |
| 20 | 5.0 | 2.5 | 2.5 | 2.5 | 2.5 | 3.0 | 6.0 | 3.5 | 2.0 | 2.5 | 2.5 | 4.0 | 4.5 | 4.0 | 4.5 | 16.0 | 12.0 | 5.0 | 2.5 | 2.5 | 2.5 | 3.0 | 4.5 | 2.5 | 4.5 | 16.0 |
| 21 | 2.0 | 2.0 | 2.0 | 3.0 | 1.5 | 1.5 | 1.5 | 2.0 | 2.5 | 3.5 | 3.5 | 3.5 | 5.5 | 4.5 | 5.5 | 7.0 | 11.5 | 7.0 | 3.5 | 2.5 | 7.0 | 3.5 | 2.5 | 3.0 | 4.0 | 11.5 |
| 22 | 3.0 | 3.0 | 2.5 | 2.5 | 2.0 | 2.0 | 2.5 | 2.0 | 2.5 | 3.0 | 4.0 | 4.5 | 5.0 | 6.5 | 6.0 | 7.5 | 9.0 | 6.0 | 6.0 | 5.0 | 2.0 | 2.0 | 3.5 | 2.5 | 4.0 | 9.0 |
| 23 | 2.5 | 2.5 | 3.0 | 2.5 | 2.0 | 1.0 | 2.0 | 2.5 | 2.5 | 3.5 | 4.5 | 6.0 | 5.5 | 6.5 | 8.0 | 5.0 | 5.5 | 4.0 | 2.5 | 2.5 | 1.5 | 4.0 | 2.5 | 5.0 | 3.5 | 8.0 |
| 24 | 2.0 | 2.5 | 2.0 | 2.5 | 2.0 | 2.5 | 2.5 | 2.5 | 3.0 | 3.5 | 5.0 | 6.0 | 7.0 | 5.5 | 6.5 | 6.5 | 9.5 | 7.5 | 6.0 | 5.0 | 6.5 | 7.5 | 3.0 | 4.5 | 4.5 | 9.5 |
| 25 | 5.0 | 3.0 | 3.0 | 2.5 | 2.5 | 2.5 | 2.0 | 6.5 | 5.5 | 4.0 | 4.0 | 6.5 | 9.5 | 12.5 | 13.5 | 10.0 | 12.0 | 6.5 | 6.0 | 3.5 | 2.5 | 2.5 | 2.0 | 1.5 | 5.5 | 13.5 |
| 26 | 2.0 | 1.5 | 2.0 | 2.0 | 2.5 | 1.5 | 2.5 | 2.5 | 2.0 | 2.5 | 3.5 | 3.5 | 6.0 | 7.0 | 8.0 | 6.0 | 5.0 | 5.5 | 3.5 | 3.0 | 3.5 | 2.5 | 6.0 | 3.0 | 3.5 | 8.0 |
| 27 | 3.0 | 2.5 | 3.5 | 3.5 | 3.0 | 2.0 | 2.0 | 2.5 | 4.5 | 3.5 | 4.5 | 4.5 | 5.5 | 7.0 | 8.0 | 6.0 | 7.0 | 8.0 | 6.5 | 2.5 | 1.5 | 2.0 | 2.5 | 2.5 | 4.0 | 8.0 |
| 28 | 3.5 | 2.5 | 3.0 | 3.0 | 2.5 | 2.5 | 1.5 | 2.5 | 3.0 | 2.5 | 3.5 | 5.5 | 8.0 | 11.5 | 18.5 | 10.5 | 5.0 | 4.0 | 6.0 | 5.0 | 2.5 | 3.5 | 2.0 | 2.0 | 5.0 | 18.5 |
| 29 | 2.5 | 2.0 | 2.0 | 1.5 | 4.5 | 1.5 | 1.5 | 2.0 | 2.5 | 3.0 | 5.0 | 7.0 | 8.5 | 13.5 | 11.5 | 11.0 | 7.0 | 6.5 | 6.0 | 3.0 | 1.5 | 2.5 | 6.0 | 5.0 | 5.0 | 13.5 |
| 30 | 8.5 | 3.0 | 3.0 | 2.0 | 3.0 | 2.5 | 1.5 | 4.0 | 4.0 | 3.0 | 6.0 | 4.5 | 5.0 | 7.0 | 7.0 | 7.0 | 7.5 | 12.0 | 12.0 | 5.5 | 5.5 | 8.0 | 8.5 | 5.0 | 5.5 | 12.0 |
| 31 | 3.5 | 7.0 | 8.5 | 5.0 | 3.0 | 3.0 | 2.5 | 4.0 | 4.5 | 6.0 | 6.5 | 7.0 | 7.5 | 5.5 | 7.0 | 7.0 | 8.0 | 7.5 | 4.5 | 10.5 | 11.0 | 5.0 | 4.5 | 2.5 | 6.0 | 11.0 |
| AV | 4.0 | 3.0 | 3.0 | 2.5 | 2.5 | 2.0 | 2.5 | 3.0 | 3.0 | 3.5 | 4.5 | 5.0 | 6.0 | 7.5 | 9.0 | 9.0 | 8.5 | 7.0 | 6.0 | 5.0 | 4.5 | 4.5 | 4.5 | 4.0 | 4.5 | [ ] |
| SD | 2.2 | 1.8 | 1.6 | .8 | .7 | .6 | 1.1 | 1.2 | 1.0 | .8 | 1.0 | 1.2 | 1.5 | 2.8 | 3.5 | 3.1 | 2.5 | 1.9 | 2.9 | 3.0 | 2.8 | 2.6 | 2.1 | 2.4 | 1.3 | [ ] |

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 10

MAY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | PREV | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 10 | 335 | 10 | 25 | 35 | 35 | 110 | 100 | 45 | 350 | 310 | 325 | 305 | 240 | 55 | 305 | 285 | 235 | 165 | 20 | 330 | 35 | 25 | 25 | 3 | |
| 2 | 15 | 25 | 20 | 25 | 25 | 5 | 85 | 110 | 5 | 345 | 280 | 265 | 240 | 280 | 260 | 275 | 300 | 225 | 285 | 0 | 25 | 310 | 15 | 295 | 2 | |
| 3 | 305 | 330 | 315 | 15 | 25 | 55 | 50 | 110 | 330 | 355 | 65 | 60 | 80 | 60 | 180 | 15 | 90 | 205 | 195 | 180 | 190 | 275 | 50 | 335 | 16 | |
| 4 | 190 | 185 | 210 | 210 | 215 | 215 | 210 | 200 | 215 | 230 | 240 | 250 | 210 | 235 | 240 | 245 | 260 | 300 | 240 | 270 | 355 | 25 | 50 | 55 | 11 | |
| 5 | 10 | 60 | 40 | 30 | 50 | 50 | 350 | 15 | 275 | 5 | 245 | 305 | 250 | 280 | 290 | 260 | 270 | 285 | 320 | 95 | 330 | 295 | 315 | 250 | 13 | |
| 6 | 270 | 290 | 215 | 180 | 110 | 290 | 30 | 70 | 20 | 275 | 295 | 265 | 30 | 320 | 100 | 110 | 85 | 40 | 75 | 130 | 30 | 80 | 150 | 55 | 14 | |
| 7 | 110 | 85 | 65 | 135 | 130 | 105 | 135 | 70 | 55 | 55 | 10 | 70 | 20 | 35 | 45 | 55 | 20 | 300 | 300 | 15 | 35 | 35 | 35 | 15 | 3 | |
| 8 | 60 | 0 | 180 | 95 | 70 | 135 | 60 | 70 | 80 | 105 | 125 | 110 | 265 | 245 | 270 | 195 | 170 | 90 | 345 | 105 | 55 | 90 | 345 | 140 | 5 | |
| 9 | 340 | 305 | 10 | 15 | 15 | 340 | 340 | 35 | 345 | 265 | 305 | 290 | 0 | 5 | 275 | 290 | 260 | 270 | 190 | 140 | 135 | 345 | 35 | 260 | 16 | |
| 10 | 280 | 350 | 265 | 15 | 335 | 10 | 50 | 70 | 290 | 320 | 50 | 350 | 45 | 170 | 175 | 180 | 170 | 230 | 250 | 230 | 310 | 70 | 25 | 20 | 3 | |
| 11 | 20 | 315 | 320 | 325 | 0 | 90 | 40 | 75 | 35 | 355 | 260 | 250 | 265 | 250 | 250 | 280 | 280 | 265 | 275 | 275 | 270 | 285 | 295 | 270 | 13 | |
| 12 | 15 | 15 | 45 | 25 | 40 | 50 | 135 | 185 | 100 | 90 | 25 | 35 | 25 | 30 | 50 | 65 | 20 | 30 | 20 | 350 | 340 | 345 | 10 | 30 | 2 | |
| 13 | 15 | 15 | 335 | 320 | 340 | 15 | 70 | 350 | 35 | 60 | 85 | 80 | 195 | 250 | 340 | 320 | 100 | 195 | 175 | 20 | 20 | 0 | 20 | 35 | 2 | |
| 14 | 5 | 25 | 10 | 350 | 15 | 295 | 85 | 120 | 95 | 25 | 350 | 285 | 290 | 345 | 250 | 230 | 235 | 220 | 195 | 160 | 210 | 235 | 225 | 225 | 11 | |
| 15 | 275 | 320 | 350 | 5 | 55 | 70 | 75 | 70 | 65 | 70 | 65 | 55 | 60 | 60 | 55 | 60 | 55 | 60 | 55 | 60 | 70 | 75 | 75 | 75 | [VA] | |
| 16 | 55 | 55 | 75 | 70 | 45 | 340 | 85 | 60 | 85 | 65 | 65 | 75 | 45 | 265 | 280 | 10 | 0 | 130 | 355 | 5 | 335 | 325 | 355 | 335 | 4 | |
| 17 | 315 | 320 | 20 | 345 | 30 | 35 | 130 | 80 | 45 | 5 | 30 | 0 | 295 | 255 | 15 | 45 | 50 | 15 | 350 | 330 | 300 | 5 | 30 | 30 | 2 | |
| 18 | 50 | 75 | 0 | 5 | 35 | 320 | 165 | 175 | 330 | 325 | 15 | 325 | 235 | 225 | 195 | 205 | 200 | 205 | 215 | 255 | 260 | 340 | 255 | 85 | 10 | |
| 19 | 45 | 55 | 5 | 255 | 345 | 10 | 20 | 15 | 295 | 305 | 355 | 15 | 190 | 115 | 150 | 170 | 95 | 60 | 235 | 55 | 130 | 350 | 130 | 20 | 2 | |
| 20 | 305 | 60 | 55 | 20 | 45 | 20 | 300 | 245 | 160 | 135 | 95 | 195 | 45 | 140 | 130 | 190 | 200 | 170 | 55 | 130 | 120 | 50 | 330 | 40 | 3 | |
| 21 | 340 | 60 | 80 | 345 | 35 | 90 | 115 | 95 | 75 | 190 | 180 | 180 | 155 | 180 | 30 | 20 | 25 | 115 | 310 | 195 | 285 | 330 | 60 | 170 | 5 | |
| 22 | 330 | 25 | 35 | 40 | 335 | 90 | 150 | 65 | 50 | 320 | 0 | 315 | 340 | 290 | 185 | 225 | 205 | 200 | 125 | 15 | 280 | 55 | 30 | 0 | 3 | |
| 23 | 325 | 195 | 255 | 320 | 275 | 0 | 325 | 55 | 25 | 340 | 355 | 45 | 50 | 25 | 30 | 115 | 45 | 80 | 55 | 85 | 90 | 325 | 280 | 110 | 3 | |
| 24 | 35 | 60 | 95 | 55 | 95 | 35 | 240 | 255 | 15 | 250 | 235 | 230 | 310 | 175 | 155 | 330 | 130 | 85 | 25 | 30 | 345 | 35 | 55 | 40 | 3 | |
| 25 | 45 | 5 | 325 | 25 | 30 | 5 | 135 | 95 | 80 | 345 | 80 | 275 | 265 | 205 | 255 | 300 | 290 | 140 | 115 | 150 | 30 | 20 | 5 | 35 | 2 | |
| 26 | 0 | 25 | 5 | 0 | 330 | 10 | 0 | 45 | 275 | 130 | 0 | 295 | 70 | 310 | 20 | 315 | 310 | 170 | 80 | 355 | 355 | 10 | 10 | 340 | 1 | |
| 27 | 200 | 355 | 25 | 15 | 15 | 55 | 175 | 120 | 345 | 285 | 330 | 245 | 265 | 295 | 330 | 85 | 15 | 220 | 235 | 40 | 15 | 340 | 5 | 45 | 2 | |
| 28 | 350 | 70 | 45 | 30 | 35 | 55 | 90 | 150 | 180 | 295 | 185 | 60 | 40 | 285 | 215 | 210 | 210 | 195 | 205 | 185 | 175 | 220 | 345 | 40 | 10 | |
| 29 | 45 | 355 | 25 | 25 | 45 | 25 | 155 | 240 | 270 | 345 | 0 | 315 | 340 | 50 | 260 | 280 | 290 | 285 | 290 | 285 | 275 | 265 | 215 | 335 | [VA] | |
| 30 | 10 | 350 | 290 | 90 | 45 | 40 | 60 | 335 | 85 | 225 | 230 | 275 | 270 | 245 | 20 | 280 | 135 | 165 | 145 | 40 | 270 | 25 | 10 | 315 | [VA] | |
| 31 | 25 | 30 | 30 | 35 | 45 | 30 | 200 | 135 | 50 | 335 | 325 | 325 | 10 | 150 | 140 | 205 | 245 | 265 | 320 | 20 | 10 | 0 | 45 | 20 | 2 | |
| PV | 1 | 2 | 1 | 2 | [VA] | 3 | 5 | 4 | 3 | 16 | 1 | 13 | 3 | 12 | 13 | 10 | 13 | 11 | [VA] | 2 | 16 | 16 | 2 | [VA] | 2 | |

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 10

JUNE,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | PREV | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 45 | 15 | 75 | 335 | 60 | 75 | 10 | 55 | 20 | 315 | 355 | 290 | 25 | 320 | 185 | 240 | 255 | 260 | 260 | 140 | 25 | 25 | 55 | 25 | 2 | |
| 2 | 40 | 5 | 45 | 60 | 5 | 85 | 90 | 15 | 145 | 310 | 10 | 250 | 275 | 220 | 170 | 15 | 190 | 185 | 230 | 200 | 190 | 80 | 20 | 10 | 1 | |
| 3 | 50 | 50 | 10 | 45 | 130 | 15 | 110 | 30 | 35 | 185 | 205 | 200 | 180 | 210 | 215 | 205 | 205 | 210 | 225 | 230 | 165 | 210 | 55 | 95 | 10 | |
| 4 | 35 | 50 | 40 | 55 | 15 | 85 | 115 | 325 | 95 | 25 | 200 | 325 | 185 | 265 | 190 | 195 | 210 | 220 | 225 | 225 | 180 | 45 | 60 | 340 | 3 | |
| 5 | 20 | 35 | 45 | 30 | 50 | 50 | 140 | 5 | 35 | 220 | 275 | 235 | 160 | 350 | 145 | 160 | 155 | 170 | 165 | 180 | 35 | 10 | 40 | 60 | 3 | |
| 6 | 35 | 20 | 20 | 40 | 35 | 60 | 115 | 325 | 350 | 180 | 170 | 180 | 175 | 165 | 180 | 165 | 165 | 155 | 170 | 180 | 175 | 165 | 155 | 310 | [VA] | |
| 7 | 330 | 175 | 150 | 25 | 30 | 325 | 50 | 115 | 170 | 280 | 200 | 200 | 295 | 275 | 255 | 240 | 230 | 200 | 170 | 175 | 130 | 15 | 60 | 85 | [VA] | |
| 8 | 25 | 345 | 140 | 75 | 35 | 65 | 145 | 275 | 215 | 205 | 230 | 225 | 210 | 180 | 210 | 210 | 220 | 210 | 245 | 255 | 225 | 240 | 350 | 15 | 11 | |
| 9 | 15 | 10 | 35 | 20 | 25 | 60 | 145 | 135 | 230 | 300 | 310 | 225 | 190 | 205 | 210 | 225 | 215 | 215 | 215 | 210 | 175 | 85 | 15 | 15 | 11 | |
| 10 | 25 | 25 | 25 | 15 | 55 | 75 | 135 | 180 | 175 | 185 | 170 | 175 | 165 | 185 | 185 | 180 | 200 | 195 | 215 | 230 | 295 | 300 | 310 | 35 | 9 | |
| 11 | 195 | 115 | 70 | 150 | 350 | 25 | 300 | 310 | 225 | 210 | 215 | 215 | 240 | 290 | 250 | 230 | 265 | 300 | 305 | 290 | 190 | 200 | 205 | 215 | 11 | |
| 12 | 250 | 240 | 255 | 55 | 0 | 15 | 290 | 85 | 235 | 240 | 270 | 290 | 295 | 275 | 250 | 260 | 285 | 265 | 275 | 280 | 235 | 175 | 345 | 75 | 13 | |
| 13 | 130 | 15 | 275 | 270 | 15 | 0 | 245 | 5 | 80 | 35 | 290 | 295 | 285 | 290 | 305 | 305 | 290 | 280 | 295 | 275 | 60 | 80 | 65 | 65 | 14 | |
| 14 | 65 | 190 | 75 | 15 | 15 | 15 | 75 | 250 | 245 | 265 | 270 | 235 | 290 | 190 | 195 | 115 | 340 | 55 | 75 | 45 | 45 | 90 | 15 | 5 | [VA] | |
| 15 | 75 | 185 | 0 | 25 | 15 | 20 | 45 | 60 | 55 | 100 | 120 | 260 | 70 | 210 | 170 | 295 | 300 | 220 | 95 | 185 | 220 | 225 | 235 | 240 | 11 | |
| 16 | 260 | 85 | 145 | 90 | 65 | 50 | 105 | 135 | 185 | 305 | 285 | 240 | 305 | 310 | 305 | 320 | 315 | 300 | 285 | 305 | 295 | 5 | 125 | 65 | 14 | |
| 17 | 95 | 85 | 75 | 190 | 260 | 10 | 305 | 350 | 320 | 60 | 45 | 10 | 255 | 65 | 75 | 65 | 25 | 175 | 170 | 30 | 60 | 130 | 120 | 125 | 4 | |
| 18 | 220 | 50 | 20 | 15 | 35 | 50 | 195 | 135 | 10 | 330 | 250 | 290 | 270 | 285 | 345 | 300 | 340 | 60 | 70 | 70 | 70 | 75 | 90 | 105 | 4 | |
| 19 | 320 | 345 | 315 | 25 | 355 | 15 | 95 | 70 | 40 | 15 | 325 | 40 | 275 | 300 | 320 | 290 | 40 | 115 | 110 | 100 | 25 | 230 | 140 | 330 | [VA] | |
| 20 | 65 | 20 | 10 | 50 | 35 | 25 | 195 | 230 | 230 | 165 | 60 | 340 | 265 | 220 | 230 | 225 | 250 | 225 | 215 | 205 | 195 | 240 | 250 | 25 | 11 | |
| 21 | 15 | 35 | 105 | 15 | 30 | 55 | 85 | 220 | 260 | 305 | 250 | 260 | 260 | 235 | 245 | 245 | 240 | 235 | 225 | 215 | 195 | 220 | 230 | 210 | 12 | |
| 22 | 195 | 220 | 225 | 185 | 200 | 175 | 140 | 140 | 155 | 145 | 340 | 30 | 75 | 55 | 305 | 30 | 320 | 305 | 145 | 140 | 30 | 135 | 100 | 270 | 7 | |
| 23 | 20 | 345 | 155 | 50 | 10 | 15 | 115 | 245 | 275 | 275 | 260 | 245 | 270 | 245 | 285 | 300 | 305 | 300 | 300 | 295 | 305 | 10 | 70 | 15 | 13 | |
| 24 | 300 | 40 | 25 | 20 | 25 | 60 | 40 | 160 | 310 | 285 | 290 | 280 | 270 | 255 | 285 | 210 | 245 | 310 | 310 | 315 | 300 | 300 | 295 | 70 | 14 | |
| 25 | 125 | 35 | 25 | 25 | 20 | 45 | 140 | 175 | 220 | 75 | 230 | 250 | 240 | 250 | 260 | 225 | 255 | 285 | 265 | 270 | 250 | 225 | 225 | 355 | 12 | |
| 26 | 10 | 95 | 85 | 85 | 85 | 45 | 120 | 95 | 285 | 325 | 120 | 340 | 300 | 315 | 285 | 345 | 105 | 285 | 325 | 70 | 175 | 130 | 80 | 30 | 5 | |
| 27 | 25 | 10 | 345 | 335 | 45 | 355 | 155 | 230 | 75 | 245 | 225 | 290 | 245 | 310 | 265 | 200 | 270 | 15 | 305 | 320 | 325 | 330 | 160 | 125 | 16 | |
| 28 | 30 | 330 | 35 | 25 | 10 | 65 | 195 | 250 | 235 | 100 | 130 | 160 | 45 | 160 | 225 | 295 | 290 | 155 | 60 | 355 | 30 | 175 | 35 | 280 | 3 | |
| 29 | 45 | 25 | 15 | 25 | 20 | 25 | 160 | 130 | 265 | 190 | 215 | 275 | 285 | 250 | 210 | 235 | 310 | 65 | 135 | 145 | 155 | 185 | 185 | 185 | 9 | |
| 30 | 175 | 180 | 195 | 30 | 40 | 45 | 135 | 260 | 245 | 225 | 215 | 215 | 200 | 190 | 180 | 205 | 265 | 265 | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | 9 | |
| 31 | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | |
| PV | 3 | 2 | 3 | 3 | 2 | 2 | 6 | 7 | 11 | 15 | 11 | 11 | 13 | 14 | 9 | 10 | 12 | [VA] | 11 | 11 | 9 | 11 | [VA] | 2 | 2 | |

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 10

JULY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | PREV | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [ ] | |
| 2 | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [ ] | |
| 3 | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [ ] | |
| 4 | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [ ] | |
| 5 | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [ ] | |
| 6 | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [ ] | |
| 7 | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | 310 | 160 | 150 | 160 | 150 | 130 | 175 | 190 | 200 | 185 | 200 | 175 | 9 | |
| 8 | 175 | 145 | 125 | 230 | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | 7 | |
| 9 | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [ ] | |
| 10 | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | 255 | 255 | 300 | 260 | 260 | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | 13 | |
| 11 | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [ ] | |
| 12 | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [ ] | |
| 13 | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [ ] | |
| 14 | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [ ] | |
| 15 | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [ ] | |
| 16 | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [ ] | |
| 17 | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | 150 | 165 | 8 | |
| 18 | 220 | 110 | 275 | 140 | 10 | 100 | 180 | 115 | 235 | 260 | 280 | 230 | 265 | 305 | 295 | 295 | 295 | 305 | 210 | 165 | 150 | 135 | 110 | 150 | 14 | |
| 19 | 205 | 100 | 295 | 160 | 100 | 220 | 230 | 240 | 180 | 255 | 285 | 245 | 160 | 310 | 190 | 160 | 145 | 170 | 195 | 180 | 200 | 275 | 215 | 185 | 9 | |
| 20 | 85 | 95 | 160 | 200 | 165 | 180 | 90 | 255 | 220 | 140 | 250 | 270 | 145 | 135 | 245 | 280 | 235 | 200 | 220 | 145 | 145 | 50 | 90 | 60 | 7 | |
| 21 | 90 | 140 | 65 | 25 | 30 | 95 | 140 | 215 | 180 | 280 | 285 | 220 | 285 | 215 | 245 | 200 | 95 | 290 | 280 | 40 | 55 | 155 | 250 | 195 | 11 | |
| 22 | 75 | 100 | 85 | 20 | 25 | 80 | 160 | 175 | 215 | 250 | 310 | 275 | 180 | 195 | 165 | 260 | 145 | 50 | 310 | 35 | 170 | 95 | 45 | 230 | 9 | |
| 23 | 75 | 15 | 15 | 70 | 155 | 105 | 210 | 160 | 155 | 245 | 300 | 290 | 285 | 170 | 175 | 135 | 65 | 130 | 210 | 45 | 215 | 205 | 175 | 175 | 9 | |
| 24 | 285 | 220 | 255 | 190 | 215 | 120 | 155 | 165 | 100 | 245 | 285 | 285 | 210 | 180 | 180 | 270 | 165 | 165 | 160 | 185 | 215 | 215 | 185 | 180 | 9 | |
| 25 | 220 | 125 | 155 | 95 | 125 | 165 | 175 | 205 | 210 | 285 | 195 | 150 | 145 | 205 | 135 | 240 | 260 | 195 | 115 | 135 | 170 | 305 | 200 | 155 | 7 | |
| 26 | 230 | 145 | 180 | 155 | 95 | 250 | 160 | 175 | 165 | 225 | 280 | 275 | 290 | 300 | 235 | 145 | 90 | 160 | 145 | 160 | 70 | 215 | 260 | 115 | 8 | |
| 27 | 205 | 105 | 65 | 30 | 55 | 130 | 180 | 130 | 270 | 320 | 215 | 255 | 195 | 120 | 270 | 245 | 35 | 300 | 310 | 245 | 80 | 200 | 165 | 55 | 12 | |
| 28 | 20 | 130 | 20 | 25 | 20 | 35 | 155 | 220 | 280 | 240 | 235 | 205 | 220 | 305 | 345 | 350 | 20 | 175 | 315 | 305 | 75 | 125 | 195 | 80 | 2 | |
| 29 | 95 | 80 | 50 | 170 | 180 | 115 | 160 | 155 | 195 | 240 | 240 | 290 | 235 | 125 | 230 | 310 | 10 | 15 | 70 | 105 | 140 | 75 | 80 | 195 | 5 | |
| 30 | 70 | 70 | 285 | 150 | 20 | 105 | 235 | 260 | 185 | 260 | 200 | 245 | 275 | 300 | 315 | 310 | 300 | 300 | 315 | 260 | 195 | 115 | 110 | 135 | 14 | |
| 31 | 135 | 315 | 295 | 295 | 120 | 115 | 220 | 295 | 290 | 250 | 280 | 280 | 275 | 145 | 205 | 265 | 310 | 275 | 255 | 235 | 250 | 215 | 125 | 120 | 13 | |
| PV | 5 | [VA] | [VA] | 8 | 2 | 6 | 8 | 8 | 9 | [VA] | 13 | 13 | 14 | [VA] | 9 | 13 | [VA] | 14 | 10 | 9 | 10 | 10 | 9 | 9 | 8 | |

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 10

MAY,1976

AEROVIRONMENT INC.

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**********************
*                    *
*  PRELIMINARY DATA  *
*  AS OF 19/SEP/76   *
*                    *
**********************
*                    *
*    SUBJECT TO      *
*     REVISION       *
*                    *
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```

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 4 | 2 | 2 | 0 | 1 | 1 | 2 | 7 | 12 | 15 | 19 | 21 | 21 | 22 | 23 | 23 | 22 | 23 | 26 | 18 | 12 | 12 | 9 | 8 | 13 | 26 |
| 2 | 7 | 6 | 5 | 4 | 3 | 3 | 6 | 10 | 15 | 20 | 23 | 24 | 25 | 25 | 26 | 25 | 26 | 27 | 25 | 20 | 15 | 12 | 11 | 10 | 16 | 27 |
| 3 | 7 | 6 | 6 | 6 | 6 | 5 | 6 | 9 | 16 | 20 | 22 | 24 | 28 | 29 | 28 | 28 | 28 | 29 | 27 | 22 | 20 | 20 | 20 | 20 | 18 | 29 |
| 4 | 18 | 18 | 16 | 15 | 15 | 15 | 17 | 20 | 22 | 22 | 24 | 25 | 23 | 24 | 25 | 24 | 24 | 22 | 20 | 20 | 19 | 17 | 15 | 13 | 20 | 25 |
| 5 | 10 | 9 | 7 | 7 | 7 | 7 | 9 | 12 | 16 | 19 | 21 | 23 | 22 | 23 | 24 | 24 | 21 | 20 | 18 | 16 | 16 | 16 | 14 | 13 | 16 | 24 |
| 6 | 11 | 11 | 9 | 9 | 9 | 10 | 11 | 11 | 14 | 16 | 15 | 12 | 6 | 9 | 11 | 13 | 15 | 14 | 13 | 12 | 10 | 10 | 10 | 11 | 11 | 16 |
| 7 | 11 | 12 | 12 | 10 | 10 | 10 | 11 | 10 | 10 | 14 | 14 | 15 | 16 | 18 | 20 | 18 | 17 | 17 | 13 | 10 | 10 | 8 | 8 | 9 | 13 | 20 |
| 8 | 6 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 9 | 11 | 12 | 13 | 13 | 16 | 16 | 12 | 10 | 11 | 11 | 10 | 10 | 8 | 10 | 10 | 10 | 16 |
| 9 | 10 | 9 | 7 | 7 | 8 | 8 | 9 | 12 | 14 | 14 | 15 | 16 | 18 | 20 | 20 | 20 | 21 | 21 | 16 | 12 | 11 | 11 | 10 | 7 | 13 | 21 |
| 10 | 6 | 6 | 6 | 5 | 4 | 4 | 10 | 12 | 11 | 14 | 18 | 22 | 24 | 23 | 24 | 23 | 24 | 25 | 23 | 18 | 15 | 14 | 12 | 12 | 15 | 25 |
| 11 | 10 | 10 | 7 | 5 | 5 | 8 | 12 | 16 | 20 | 22 | 23 | 21 | 17 | 22 | 22 | 22 | 22 | 21 | 19 | 16 | 13 | 13 | 13 | 13 | 16 | 23 |
| 12 | 9 | 7 | 5 | 4 | 2 | 3 | 8 | 12 | 14 | 15 | 16 | 16 | 16 | 15 | 18 | 21 | 22 | 21 | 19 | 13 | 10 | 9 | 9 | 8 | 12 | 22 |
| 13 | 7 | 7 | 5 | 3 | 2 | 4 | 10 | 14 | 17 | 21 | 23 | 23 | 23 | 24 | 26 | 28 | 29 | 29 | 27 | 20 | 18 | 15 | 13 | 13 | 17 | 29 |
| 14 | 11 | 9 | 7 | 4 | 4 | 6 | 13 | 18 | 22 | 25 | 28 | 30 | 30 | 30 | 31 | 32 | 33 | 33 | 31 | 25 | 23 | 23 | 23 | 24 | 21 | 33 |
| 15 | 23 | 22 | 17 | 13 | 11 | 11 | 11 | 12 | 14 | 16 | 16 | 18 | 18 | 18 | 18 | 17 | 16 | 15 | 14 | 12 | 11 | 10 | 10 | 9 | 15 | 23 |
| 16 | 9 | 8 | 6 | 3 | 4 | 6 | 7 | 10 | 13 | 14 | 16 | 18 | 18 | 20 | 21 | 20 | 23 | 24 | 22 | 16 | 11 | 10 | 8 | 8 | 13 | 24 |
| 17 | 5 | 5 | 4 | 3 | 1 | 4 | 9 | 14 | 18 | 22 | 26 | 27 | 28 | 29 | 30 | 30 | 31 | 32 | 29 | 21 | 19 | 18 | 17 | 14 | 18 | 32 |
| 18 | 13 | 12 | 10 | 10 | 7 | 9 | 14 | 19 | 24 | 27 | 28 | 28 | 29 | 31 | 32 | 31 | 29 | 29 | 28 | 27 | 25 | 25 | 25 | 20 | 22 | 32 |
| 19 | 19 | 18 | 19 | 18 | 15 | 14 | 18 | 22 | 24 | 24 | 25 | 25 | 22 | 18 | 20 | 21 | 22 | 21 | 20 | 19 | 18 | 18 | 17 | 16 | 20 | 25 |
| 20 | 15 | 14 | 13 | 13 | 13 | 13 | 15 | 18 | 20 | 22 | 23 | 20 | 20 | 21 | 22 | 22 | 23 | 22 | 21 | 19 | 17 | 14 | 15 | 15 | 18 | 23 |
| 21 | 15 | 14 | 12 | 12 | 13 | 14 | 16 | 20 | 19 | 18 | 18 | 16 | 15 | 15 | 15 | 17 | 16 | 14 | 11 | 9 | 8 | 10 | 11 | 11 | 14 | 20 |
| 22 | 10 | 10 | 10 | 9 | 9 | 10 | 11 | 14 | 16 | 18 | 20 | 19 | 15 | 16 | 20 | 17 | 13 | 13 | 13 | 13 | 11 | 9 | 8 | 8 | 13 | 20 |
| 23 | 8 | 7 | 6 | 6 | 7 | 9 | 12 | 14 | 16 | 18 | 20 | 22 | 20 | 22 | 22 | 24 | 24 | 22 | 19 | 18 | 17 | 15 | 16 | 15 | 16 | 24 |
| 24 | 13 | 13 | 12 | 11 | 12 | 13 | 13 | 13 | 16 | 19 | 21 | 22 | 24 | 23 | 21 | 19 | 17 | 16 | 16 | 14 | 12 | 12 | 11 | 9 | 16 | 24 |
| 25 | 7 | 6 | 6 | 7 | 7 | 8 | 11 | 15 | 19 | 19 | 22 | 24 | 22 | 22 | 17 | 16 | 19 | 21 | 21 | 17 | 12 | 12 | 11 | 10 | 15 | 24 |
| 26 | 8 | 7 | 6 | 4 | 2 | 5 | 10 | 13 | 17 | 20 | 20 | 21 | 22 | 22 | 22 | 23 | 24 | 29 | 28 | 19 | 17 | 14 | 12 | 11 | 16 | 29 |
| 27 | 9 | 8 | 6 | 5 | 6 | 9 | 16 | 18 | 19 | 23 | 25 | 27 | 27 | 28 | 28 | 29 | 30 | 30 | 29 | 22 | 17 | 16 | 13 | 13 | 19 | 30 |
| 28 | 13 | 11 | 9 | 7 | 8 | 10 | 13 | 18 | 23 | 25 | 25 | 25 | 27 | 29 | 30 | 30 | 30 | 30 | 30 | 25 | 23 | 19 | 18 | 16 | 21 | 30 |
| 29 | 13 | 12 | 11 | 9 | 9 | 9 | 12 | 18 | 22 | 24 | 25 | 28 | 27 | 29 | 25 | 19 | 21 | 23 | 22 | 20 | 18 | 16 | 14 | 14 | 18 | 29 |
| 30 | 13 | 8 | 6 | 7 | 7 | 9 | 14 | 17 | 17 | 19 | 22 | 24 | 23 | 23 | 24 | 21 | 18 | 18 | 19 | 16 | 13 | 11 | 10 | 9 | 15 | 24 |
| 31 | 7 | 7 | 7 | 7 | 7 | 8 | 12 | 15 | 19 | 21 | 23 | 26 | 27 | 28 | 30 | 29 | 29 | 27 | 24 | 20 | 18 | 14 | 14 | 13 | 18 | 30 |
| AV | 11 | 10 | 8 | 7 | 7 | 8 | 11 | 14 | 17 | 19 | 21 | 22 | 22 | 22 | 23 | 23 | 23 | 23 | 21 | 17 | 15 | 14 | 13 | 12 | 16 | [ ] |
| SD | 4 | 4 | 4 | 4 | 4 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 5 | 4 | 4 | 4 | 4 | 3 | [ ] |

OUTPT [VERSION N 28 JUL 76]

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 10

JUNE,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 12 | 10 | 10 | 9 | 9 | 11 | 15 | 20 | 26 | 27 | 29 | 30 | 31 | 32 | 32 | 31 | 31 | 30 | 30 | 25 | 21 | 19 | 17 | 14 | 22 | 32 |
| 2 | 11 | 12 | 9 | 6 | 7 | 8 | 14 | 19 | 26 | 30 | 31 | 30 | 28 | 31 | 33 | 33 | 33 | 34 | 32 | 27 | 22 | 20 | 18 | 16 | 22 | 34 |
| 3 | 13 | 12 | 11 | 12 | 12 | 13 | 18 | 23 | 28 | 30 | 30 | 30 | 29 | 29 | 32 | 32 | 31 | 31 | 30 | 28 | 23 | 20 | 18 | 17 | 23 | 32 |
| 4 | 14 | 11 | 9 | 9 | 10 | 12 | 16 | 22 | 27 | 30 | 31 | 31 | 29 | 32 | 33 | 31 | 30 | 32 | 31 | 27 | 23 | 20 | 18 | 16 | 23 | 33 |
| 5 | 14 | 13 | 11 | 9 | 8 | 12 | 18 | 22 | 26 | 28 | 31 | 32 | 34 | 34 | 34 | 34 | 34 | 34 | 33 | 28 | 24 | 20 | 19 | 18 | 24 | 34 |
| 6 | 15 | 14 | 10 | 8 | 9 | 11 | 16 | 22 | 28 | 31 | 32 | 33 | 32 | 33 | 33 | 32 | 34 | 32 | 26 | 25 | 24 | 24 | 24 | 21 | 24 | 34 |
| 7 | 18 | 17 | 16 | 14 | 15 | 16 | 19 | 25 | 30 | 31 | 31 | 33 | 31 | 32 | 33 | 33 | 32 | 32 | 32 | 30 | 27 | 25 | 23 | 21 | 26 | 33 |
| 8 | 18 | 16 | 15 | 14 | 14 | 14 | 16 | 21 | 27 | 31 | 32 | 34 | 33 | 32 | 33 | 34 | 34 | 34 | 35 | 31 | 29 | 26 | 26 | 22 | 26 | 35 |
| 9 | 20 | 18 | 15 | 14 | 12 | 13 | 16 | 20 | 25 | 27 | 29 | 31 | 32 | 33 | 34 | 34 | 33 | 33 | 33 | 31 | 28 | 24 | 21 | 19 | 25 | 34 |
| 10 | 16 | 13 | 12 | 12 | 10 | 10 | 15 | 23 | 28 | 29 | 30 | 31 | 31 | 31 | 32 | 32 | 33 | 33 | 31 | 29 | 24 | 21 | 19 | 17 | 23 | 33 |
| 11 | 14 | 12 | 11 | 10 | 9 | 10 | 14 | 16 | 18 | 19 | 20 | 20 | 20 | 19 | 21 | 22 | 21 | 17 | 17 | 15 | 12 | 13 | 12 | 12 | 16 | 22 |
| 12 | 13 | 12 | 11 | 10 | 8 | 7 | 10 | 15 | 17 | 19 | 20 | 22 | 22 | 23 | 24 | 24 | 24 | 24 | 24 | 22 | 22 | 21 | 20 | 19 | 18 | 24 |
| 13 | 18 | 16 | 16 | 16 | 15 | 14 | 15 | 17 | 19 | 21 | 21 | 21 | 20 | 21 | 20 | 19 | 17 | 14 | 8 | 8 | 6 | 5 | 5 | 4 | 15 | 21 |
| 14 | 2 | 2 | 1 | 0 | 0 | 0 | 3 | 6 | 8 | 10 | 12 | 14 | 16 | 17 | 19 | 20 | 20 | 20 | 19 | 17 | 14 | 12 | 10 | 9 | 10 | 20 |
| 15 | 6 | 6 | 5 | 4 | 3 | 2 | 5 | 11 | 14 | 16 | 18 | 19 | 20 | 22 | 24 | 25 | 26 | 27 | 30 | 26 | 22 | 20 | 19 | 18 | 16 | 30 |
| 16 | 17 | 16 | 14 | 14 | 13 | 13 | 14 | 16 | 19 | 20 | 20 | 23 | 23 | 24 | 25 | 25 | 23 | 22 | 21 | 22 | 20 | 16 | 13 | 13 | 19 | 25 |
| 17 | 13 | 13 | 11 | 11 | 11 | 9 | 12 | 15 | 16 | 19 | 20 | 22 | 23 | 21 | 23 | 22 | 19 | 20 | 20 | 18 | 15 | 14 | 14 | 12 | 16 | 23 |
| 18 | 10 | 9 | 8 | 8 | 7 | 7 | 10 | 14 | 17 | 19 | 21 | 22 | 24 | 25 | 27 | 27 | 28 | 29 | 28 | 25 | 22 | 20 | 19 | 17 | 18 | 29 |
| 19 | 14 | 13 | 11 | 10 | 8 | 8 | 12 | 17 | 19 | 22 | 25 | 28 | 28 | 30 | 32 | 33 | 34 | 35 | 37 | 33 | 26 | 23 | 21 | 20 | 22 | 37 |
| 20 | 17 | 16 | 14 | 13 | 12 | 12 | 18 | 20 | 26 | 31 | 35 | 36 | 37 | 37 | 38 | 38 | 37 | 37 | 37 | 35 | 33 | 31 | 30 | 26 | 28 | 38 |
| 21 | 23 | 21 | 21 | 19 | 16 | 15 | 18 | 24 | 29 | 32 | 34 | 36 | 34 | 36 | 36 | 36 | 36 | 36 | 35 | 34 | 32 | 30 | 29 | 28 | 29 | 36 |
| 22 | 26 | 26 | 25 | 26 | 24 | 19 | 17 | 17 | 18 | 21 | 21 | 12 | 12 | 16 | 20 | 22 | 22 | 17 | 17 | 16 | 14 | 14 | 13 | 12 | 19 | 26 |
| 23 | 12 | 12 | 11 | 12 | 11 | 11 | 13 | 16 | 18 | 19 | 21 | 23 | 23 | 23 | 24 | 24 | 24 | 23 | 22 | 20 | 19 | 17 | 13 | 11 | 18 | 24 |
| 24 | 11 | 10 | 9 | 8 | 7 | 7 | 10 | 15 | 18 | 19 | 20 | 22 | 23 | 24 | 26 | 27 | 28 | 27 | 26 | 25 | 23 | 22 | 21 | 18 | 19 | 28 |
| 25 | 15 | 13 | 11 | 10 | 9 | 9 | 12 | 17 | 22 | 26 | 28 | 28 | 30 | 30 | 31 | 32 | 31 | 33 | 33 | 32 | 30 | 28 | 25 | 23 | 23 | 33 |
| 26 | 19 | 17 | 17 | 14 | 13 | 13 | 16 | 21 | 22 | 24 | 28 | 28 | 29 | 30 | 31 | 32 | 33 | 33 | 33 | 30 | 25 | 22 | 20 | 18 | 24 | 33 |
| 27 | 16 | 14 | 13 | 12 | 11 | 11 | 15 | 20 | 25 | 28 | 30 | 33 | 35 | 35 | 36 | 37 | 38 | 37 | 38 | 36 | 33 | 31 | 26 | 21 | 26 | 38 |
| 28 | 20 | 18 | 16 | 15 | 14 | 14 | 18 | 22 | 27 | 31 | 34 | 38 | 37 | 39 | 39 | 38 | 38 | 38 | 39 | 33 | 28 | 24 | 22 | 20 | 28 | 39 |
| 29 | 19 | 17 | 16 | 15 | 14 | 14 | 17 | 22 | 27 | 33 | 36 | 37 | 38 | 39 | 38 | 38 | 39 | 41 | 40 | 35 | 33 | 33 | 32 | 30 | 29 | 41 |
| 30 | 29 | 28 | 28 | 26 | 24 | 22 | 23 | 28 | 33 | 34 | 36 | 37 | 35 | 35 | 36 | 35 | 30 | 28 | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | 30 | 37 |
| 31 | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] |
| AVG | 16 | 14 | 13 | 12 | 11 | 11 | 14 | 19 | 23 | 25 | 27 | 28 | 28 | 29 | 30 | 30 | 30 | 29 | 29 | 26 | 23 | 21 | 20 | 18 | 22 | [ ] |
| SD | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 6 | 6 | 6 | 7 | 6 | 6 | 6 | 6 | 6 | 7 | 8 | 7 | 6 | 6 | 6 | 5 | 5 | [ ] |

OUTPT: [VERSION N 28 JUL 76]

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 10

JULY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | ( ) | ( ) |
| 2 | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | ( ) | ( ) |
| 3 | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | ( ) | ( ) |
| 4 | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | ( ) | ( ) |
| 5 | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | ( ) | ( ) |
| 6 | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | ( ) | ( ) |
| 7 | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | 37 | 38 | 39 | 35 | 36 | 38 | 37 | 35 | 35 | 34 | 33 | 32 | 36 | 39 |
| 8 | 30 | 28 | 26 | 23 | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | 27 | 30 |
| 9 | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | ( ) | ( ) |
| 10 | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | 32 | 34 | 36 | 39 | 42 | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | 37 | 42 |
| 11 | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | ( ) | ( ) |
| 12 | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | ( ) | ( ) |
| 13 | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | ( ) | ( ) |
| 14 | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | ( ) | ( ) |
| 15 | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | ( ) | ( ) |
| 16 | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | ( ) | ( ) |
| 17 | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | (RF) | 19 | 17 | 18 | 19 |
| 18 | 18 | 18 | 18 | 17 | 16 | 16 | 18 | 19 | 21 | 23 | 24 | 22 | 26 | 27 | 26 | 25 | 24 | 23 | 26 | 24 | 22 | 21 | 21 | 20 | 21 | 27 |
| 19 | 20 | 19 | 18 | 18 | 17 | 17 | 17 | 19 | 22 | 23 | 25 | 25 | 31 | 32 | 32 | 31 | 32 | 31 | 28 | 25 | 24 | 24 | 20 | 20 | 24 | 32 |
| 20 | 18 | 17 | 15 | 14 | 14 | 14 | 17 | 19 | 22 | 26 | 28 | 30 | 31 | 33 | 33 | 27 | 25 | 28 | 31 | 25 | 23 | 21 | 19 | 18 | 23 | 33 |
| 21 | 18 | 17 | 16 | 15 | 14 | 13 | 17 | 20 | 25 | 27 | 29 | 32 | 33 | 36 | 36 | 35 | 34 | 34 | 33 | 32 | 30 | 27 | 25 | 22 | 26 | 36 |
| 22 | 20 | 18 | 17 | 16 | 15 | 14 | 18 | 23 | 28 | 32 | 33 | 37 | 37 | 37 | 39 | 38 | 37 | 37 | 37 | 35 | 30 | 28 | 25 | 23 | 28 | 39 |
| 23 | 16 | 19 | 18 | 17 | 15 | 15 | 19 | 24 | 29 | 32 | 34 | 35 | 35 | 38 | 38 | 39 | 37 | 36 | 35 | 33 | 28 | 27 | 26 | 25 | 28 | 39 |
| 24 | 23 | 21 | 20 | 18 | 18 | 17 | 19 | 24 | 29 | 32 | 32 | 32 | 35 | 37 | 37 | 38 | 37 | 37 | 38 | 34 | 33 | 32 | 31 | 30 | 29 | 38 |
| 25 | 25 | 24 | 22 | 23 | 22 | 20 | 24 | 29 | 32 | 32 | 36 | 39 | 33 | 30 | 28 | 23 | 21 | 21 | 22 | 21 | 20 | 20 | 20 | 20 | 25 | 39 |
| 26 | 18 | 17 | 17 | 16 | 17 | 17 | 18 | 20 | 23 | 26 | 28 | 30 | 30 | 30 | 31 | 32 | 33 | 33 | 35 | 30 | 28 | 27 | 27 | 26 | 25 | 35 |
| 27 | 23 | 22 | 20 | 19 | 17 | 16 | 19 | 24 | 27 | 30 | 34 | 35 | 37 | 36 | 37 | 38 | 38 | 36 | 35 | 33 | 29 | 28 | 26 | 25 | 29 | 38 |
| 28 | 20 | 19 | 18 | 17 | 16 | 16 | 18 | 24 | 27 | 32 | 35 | 39 | 38 | 38 | 36 | 36 | 36 | 36 | 35 | 34 | 31 | 28 | 27 | 25 | 28 | 39 |
| 29 | 23 | 22 | 22 | 20 | 20 | 19 | 22 | 28 | 32 | 35 | 36 | 37 | 36 | 35 | 35 | 35 | 35 | 35 | 34 | 32 | 30 | 29 | 29 | 29 | 30 | 37 |
| 30 | 30 | 28 | 26 | 25 | 22 | 22 | 25 | 28 | 28 | 30 | 32 | 35 | 34 | 34 | 35 | 35 | 35 | 35 | 32 | 29 | 29 | 27 | 25 | 24 | 29 | 35 |
| 31 | 24 | 24 | 23 | 21 | 21 | 20 | 21 | 22 | 24 | 26 | 28 | 29 | 32 | 34 | 35 | 33 | 33 | 27 | 27 | 28 | 24 | 21 | 19 | 18 | 26 | 35 |
| AV | 22 | 21 | 20 | 19 | 17 | 17 | 19 | 23 | 27 | 29 | 31 | 33 | 34 | 34 | 34 | 33 | 33 | 32 | 32 | 30 | 28 | 26 | 25 | 23 | 27 | ( ) |
| SD | 4 | 4 | 3 | 3 | 3 | 3 | 2 | 3 | 4 | 4 | 4 | 5 | 4 | 3 | 4 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | ( ) |

OUTPT (VERSION N 28 JUL 76)

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 11

MAY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.5 | 6.0 | 2.5 | 4.5 | 5.5 | 4.5 | 5.5 | 5.0 | 7.0 | 6.0 | 5.0 | 5.5 | 6.5 | 9.5 | 10.5 | 9.0 | 12.5 | 13.5 | 3.5 | 5.0 | 9.0 | 8.5 | 10.0 | 7.0 | 7.0 | 13.5 |
| 2 | 3.5 | 6.0 | 5.0 | 4.0 | 7.0 | 6.5 | 4.5 | 5.5 | 4.5 | 4.5 | 4.5 | 7.0 | 7.0 | 8.0 | 5.5 | 3.0 | 3.5 | 3.5 | 2.0 | 3.0 | 5.0 | 12.0 | 11.5 | 10.0 | 5.5 | 12.0 |
| 3 | 7.5 | 5.5 | 4.0 | 6.0 | 7.0 | 9.5 | 4.5 | 3.5 | 5.5 | 4.0 | 5.0 | 5.5 | 6.5 | 8.5 | 10.5 | 9.0 | 7.5 | 8.5 | 6.0 | 6.5 | 9.0 | 8.5 | 5.5 | 4.5 | 6.5 | 10.5 |
| 4 | 9.0 | 9.5 | 12.0 | 11.0 | 10.5 | 13.0 | 14.0 | 15.0 | 11.5 | 11.5 | 15.0 | 13.0 | 11.5 | 9.5 | 10.0 | 11.5 | 11.5 | 20.0 | 11.0 | 5.0 | 6.0 | 9.0 | 6.5 | 6.5 | 11.0 | 20.0 |
| 5 | 6.0 | 4.0 | 5.0 | 4.0 | 4.5 | 4.0 | 4.0 | 5.0 | 4.5 | 5.5 | 6.0 | 10.0 | 12.5 | 13.5 | 12.5 | 11.5 | 12.0 | 10.0 | 13.5 | 2.5 | 4.0 | 10.0 | 9.5 | 10.5 | 7.5 | 13.5 |
| 6 | 12.0 | 10.5 | 3.0 | 4.5 | 6.0 | 5.5 | 2.5 | 4.0 | 4.0 | 7.0 | 11.5 | [MT] | 4.0 | 5.0 | 8.5 | 9.5 | 7.0 | 2.5 | 6.0 | 10.0 | 5.0 | 4.5 | 3.0 | 2.5 | 6.0 | 12.0 |
| 7 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 3.0 | 3.0 | 3.5 | 4.0 | 5.5 | 5.5 | 7.5 | 7.0 | 5.0 | 5.5 | 4.0 | 4.5 | 9.5 | 4.5 | 4.5 | 4.0 | 5.5 | 5.5 | 4.5 | 9.5 |
| 8 | 7.0 | 7.0 | 4.5 | 4.0 | 3.5 | 4.0 | 7.0 | 7.0 | 7.0 | 10.5 | 8.5 | 8.0 | 5.0 | 4.0 | 8.0 | 10.0 | 7.0 | 5.5 | 7.0 | 7.0 | 7.0 | 8.0 | 7.5 | 5.0 | 6.5 | 10.5 |
| 9 | 4.5 | 5.0 | 3.5 | 6.0 | 4.5 | 4.0 | 2.5 | 2.5 | 4.0 | 5.0 | 7.0 | 4.0 | 5.0 | 6.0 | 7.5 | 9.5 | 12.5 | 11.5 | 19.5 | 18.5 | 20.0 | 18.0 | 14.5 | 12.0 | 8.5 | 20.0 |
| 10 | 8.5 | 4.0 | 5.0 | 5.5 | 7.0 | 5.5 | 4.0 | 3.0 | 6.0 | 4.5 | 4.5 | 6.0 | 4.5 | 11.0 | 6.5 | 4.5 | 3.5 | 5.0 | 3.0 | 3.0 | 4.5 | 5.0 | 6.0 | 6.0 | 5.5 | 11.0 |
| 11 | 6.0 | 6.5 | 5.0 | 7.0 | 5.5 | 3.0 | 2.5 | 3.5 | 3.0 | 5.5 | 14.0 | 15.5 | 19.0 | 12.0 | 19.0 | 26.0 | 29.5 | 25.5 | 22.5 | 25.5 | 21.0 | 19.5 | 18.0 | 12.0 | 13.5 | 29.5 |
| 12 | 5.0 | 2.5 | 4.5 | 5.5 | 5.5 | 6.0 | 4.0 | 4.0 | 3.5 | 9.5 | 16.0 | 15.5 | 10.5 | 9.0 | 11.0 | 7.5 | 8.0 | 10.0 | 9.5 | 6.0 | 4.5 | 5.5 | 5.0 | 5.5 | 7.0 | 16.0 |
| 13 | 6.5 | 6.5 | 7.0 | 6.0 | 12.0 | 9.5 | 11.0 | 6.0 | 5.0 | 4.0 | 6.0 | 5.5 | 6.0 | 6.5 | 5.5 | 3.5 | 3.5 | 3.0 | 2.5 | 6.0 | 14.0 | 6.0 | 8.0 | 4.5 | 6.5 | 14.0 |
| 14 | 8.0 | 8.0 | 7.0 | 9.5 | 8.5 | 8.5 | 6.5 | 4.0 | 6.0 | 6.0 | 4.0 | 6.0 | 8.0 | 6.5 | 6.0 | 8.0 | 11.5 | 7.5 | 6.0 | 8.0 | 8.5 | 10.5 | 15.0 | 14.5 | 8.0 | 15.0 |
| 15 | 12.0 | 11.0 | 9.5 | 8.0 | 7.5 | 12.5 | 12.5 | 9.5 | 10.5 | 10.5 | 9.0 | 9.0 | 13.0 | 14.0 | 15.5 | 16.5 | 18.0 | 18.5 | 19.5 | 16.0 | 16.5 | 14.0 | 8.0 | 10.0 | 12.5 | 19.5 |
| 16 | 9.0 | 10.0 | 7.0 | 4.0 | 7.0 | 10.0 | 9.0 | 6.0 | 7.0 | 7.0 | 5.5 | 6.0 | 6.0 | 6.0 | 6.5 | 5.5 | 4.0 | 3.5 | 2.0 | 2.5 | 3.0 | 5.0 | 5.5 | 7.5 | 6.0 | 10.0 |
| 17 | 7.0 | 7.5 | 5.5 | 7.0 | 6.5 | 8.5 | 5.5 | 2.5 | 5.0 | 4.5 | 4.5 | 6.5 | 8.5 | 8.5 | 8.0 | 6.0 | 6.0 | 5.5 | 3.5 | 8.0 | 9.0 | 10.5 | 10.5 | 11.0 | 7.0 | 11.0 |
| 18 | 9.5 | 4.0 | 5.0 | 4.5 | 4.0 | 5.0 | 3.5 | 3.0 | 7.0 | 7.0 | 5.5 | 7.5 | 8.5 | 11.5 | 8.0 | 11.0 | 7.5 | 8.0 | 7.5 | 5.5 | 7.0 | 4.0 | 5.0 | 6.5 | 6.5 | 11.5 |
| 19 | 3.5 | 5.0 | 10.0 | 7.5 | 3.5 | 4.5 | 3.5 | 4.0 | 6.0 | 8.0 | 11.0 | 6.0 | 6.5 | 8.5 | 9.0 | 9.0 | 10.5 | 11.0 | 11.0 | 9.0 | 16.5 | 14.5 | 9.5 | 5.5 | 8.0 | 16.5 |
| 20 | 5.5 | 3.5 | 3.0 | 3.5 | 8.5 | 11.0 | 7.5 | 6.0 | 4.0 | 5.0 | 11.0 | 9.5 | 12.0 | 18.5 | 15.5 | 12.0 | 6.0 | 7.5 | 4.5 | 6.0 | 8.5 | 10.0 | 8.5 | 9.5 | 8.0 | 18.5 |
| 21 | 6.5 | 3.0 | 3.5 | 6.0 | 6.5 | 2.0 | 2.5 | 3.5 | 5.5 | 6.5 | 10.0 | 11.5 | 15.5 | 10.0 | 3.5 | 3.0 | 2.5 | 4.5 | 3.0 | 3.5 | 4.5 | 5.0 | 4.0 | 9.5 | 5.5 | 15.5 |
| 22 | 8.0 | 7.0 | 4.0 | 4.0 | 3.5 | 2.5 | 2.5 | 2.5 | 2.5 | 5.5 | 4.0 | 7.0 | 6.0 | 5.5 | 8.5 | 9.5 | 13.0 | 15.0 | 7.0 | 5.0 | 4.0 | 3.5 | 6.0 | 10.0 | 6.0 | 15.0 |
| 23 | 9.5 | 5.5 | 4.5 | 6.0 | 4.5 | 3.0 | 2.5 | 3.5 | 2.5 | 4.0 | 4.5 | 4.5 | 5.5 | 5.0 | 5.0 | 4.5 | 5.0 | 5.5 | 7.0 | 5.5 | 6.5 | 6.0 | 11.0 | 5.0 | 5.0 | 11.0 |
| 24 | 6.0 | 6.0 | 3.0 | 7.0 | 4.5 | 4.0 | 4.0 | 6.0 | 5.0 | 5.5 | 6.0 | 12.0 | 4.0 | 7.0 | 14.0 | 11.5 | 8.5 | 10.5 | 3.5 | 10.0 | 9.5 | 7.0 | 10.5 | 11.0 | 7.5 | 14.0 |
| 25 | 5.0 | 5.0 | 5.0 | 3.5 | 7.0 | 7.0 | 4.0 | 3.0 | 3.0 | 4.5 | 4.0 | 11.5 | 16.0 | 12.0 | 16.0 | 10.5 | 4.0 | 6.0 | 7.5 | 11.5 | 9.0 | 7.5 | 4.0 | 5.0 | 7.0 | 16.0 |
| 26 | 5.0 | 6.5 | 8.5 | 7.0 | 7.0 | 7.0 | 5.5 | 4.5 | 6.5 | 5.5 | 5.0 | 6.0 | 6.0 | 7.5 | 8.0 | 5.0 | 5.0 | 4.0 | 4.0 | 2.5 | 4.0 | 8.0 | 9.0 | 7.0 | 6.0 | 9.0 |
| 27 | 6.0 | 3.0 | 7.0 | 6.0 | 4.5 | 5.0 | 5.5 | 3.5 | 5.0 | 6.0 | 6.0 | 8.0 | 10.0 | 9.0 | 7.5 | 11.0 | 11.5 | 10.0 | 4.5 | 3.0 | 6.5 | 12.5 | 11.5 | 10.5 | 7.0 | 12.5 |
| 28 | 10.5 | 7.5 | 2.5 | 2.5 | 3.5 | 2.5 | 2.0 | 2.5 | 3.5 | 6.5 | 12.5 | 7.5 | 4.5 | 10.0 | 11.5 | 9.0 | 13.0 | 10.0 | 10.5 | 10.0 | 8.0 | 7.0 | 7.0 | 5.5 | 7.0 | 13.0 |
| 29 | 7.5 | 7.0 | 3.5 | 2.5 | 3.5 | 3.5 | 5.5 | 6.5 | 4.0 | 4.5 | 6.5 | 5.0 | 8.0 | 6.5 | 10.5 | 21.5 | 17.5 | 16.5 | 16.0 | 9.5 | 12.0 | 9.5 | 5.0 | 5.5 | 8.0 | 21.5 |
| 30 | 4.0 | 4.5 | 5.0 | 2.5 | 4.5 | 5.5 | 9.5 | 7.0 | 4.5 | 3.5 | 7.0 | 9.0 | 8.0 | 8.0 | 4.5 | 7.5 | 10.0 | 14.5 | 17.0 | 15.0 | 13.0 | 12.0 | 11.0 | 11.0 | 8.5 | 17.0 |
| 31 | 12.0 | 11.5 | 4.0 | 5.0 | 5.5 | 4.0 | 5.0 | 3.5 | 4.0 | 4.5 | 4.0 | 6.5 | 8.0 | 7.5 | 12.5 | 8.0 | 12.0 | 10.0 | 4.0 | 3.0 | 5.5 | 13.0 | 11.0 | 10.0 | 7.5 | 13.0 |
| AV | 7.0 | 6.0 | 5.0 | 5.5 | 6.0 | 6.0 | 5.5 | 5.0 | 5.0 | 6.0 | 7.5 | 8.0 | 8.5 | 8.5 | 9.5 | 9.5 | 9.5 | 9.5 | 8.0 | 7.5 | 8.5 | 9.0 | 8.5 | 8.0 | 7.5 | [ ] |
| SD | 2.5 | 2.4 | 2.3 | 2.1 | 2.1 | 3.0 | 3.0 | 2.5 | 2.0 | 2.0 | 3.5 | 3.0 | 3.7 | 3.0 | 3.7 | 4.9 | 5.5 | 5.5 | 5.6 | 5.2 | 4.7 | 4.0 | 3.5 | 2.9 | 1.9 | [ ] |

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 11

JUNE,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********

* SUBJECT TO REVISION *

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.5 | 3.0 | 7.0 | 4.5 | 3.5 | 2.5 | 5.5 | 3.0 | 4.5 | 7.0 | 6.0 | 7.0 | 7.0 | 9.0 | 9.0 | 10.5 | 11.5 | 10.0 | 9.0 | 5.0 | 7.0 | 9.0 | 12.5 | 10.0 | 7.0 | 12.5 |
| 2 | 9.0 | 4.0 | 3.5 | 3.0 | 2.5 | 3.0 | 2.5 | 3.5 | 5.5 | 5.5 | 7.5 | 14.0 | 10.5 | 12.5 | 13.5 | 11.5 | 8.0 | 10.5 | 10.0 | 7.0 | 7.0 | 8.5 | 9.5 | 10.5 | 7.5 | 14.0 |
| 3 | 12.5 | 9.0 | 3.5 | 3.5 | 2.5 | 3.5 | 5.0 | 3.5 | 8.5 | 16.5 | 16.5 | 16.5 | 15.0 | 11.5 | 13.0 | 15.0 | 12.0 | 10.5 | 10.0 | 6.0 | 7.0 | 9.0 | 11.0 | 7.0 | 9.5 | 16.5 |
| 4 | 10.0 | 7.5 | 5.0 | 5.0 | 4.0 | 3.0 | 2.5 | 3.5 | 5.5 | 7.0 | 16.0 | 16.0 | 11.5 | 12.5 | 12.5 | 10.5 | 11.0 | 8.5 | 7.0 | 5.5 | 6.5 | 8.5 | 9.5 | 9.5 | 8.5 | 16.0 |
| 5 | 6.0 | 11.0 | 7.5 | 2.5 | 4.5 | 3.5 | 3.0 | 3.0 | 5.5 | 8.0 | 5.0 | 12.0 | 13.5 | 10.5 | 13.5 | 13.0 | 12.0 | 10.0 | 9.0 | 8.5 | 7.0 | 10.5 | 10.0 | 10.0 | 8.5 | 13.5 |
| 6 | 12.5 | 13.5 | 10.5 | 5.5 | 3.5 | 2.5 | 3.5 | 3.5 | 3.0 | 14.0 | 12.0 | 13.0 | 10.0 | 12.0 | 14.0 | 12.0 | 12.0 | 15.0 | 11.0 | 12.0 | 11.0 | 11.0 | 11.0 | 15.0 | 10.0 | 15.0 |
| 7 | 15.0 | 6.5 | 5.0 | 3.0 | 3.5 | 3.0 | 3.0 | 6.5 | 7.5 | 7.5 | 9.0 | 12.0 | 12.0 | 7.0 | 9.5 | 9.5 | 8.5 | 15.0 | 12.5 | 8.0 | 7.0 | 10.0 | 9.5 | 9.5 | 8.5 | 15.0 |
| 8 | 9.0 | 6.5 | 4.0 | 3.0 | 2.5 | 4.5 | 3.0 | 8.0 | 14.0 | 11.0 | 15.0 | 17.0 | 13.0 | 18.5 | 10.0 | 6.5 | 9.5 | 10.5 | 11.0 | 8.0 | 7.0 | 9.0 | 5.5 | 4.0 | 9.0 | 18.5 |
| 9 | 4.0 | 7.5 | 9.5 | 9.5 | 5.5 | 8.5 | 5.5 | 5.0 | 7.0 | 10.0 | 12.0 | 15.0 | 14.5 | 13.5 | 13.5 | 12.5 | 13.5 | 13.0 | 12.0 | 8.5 | 6.0 | 8.0 | 14.5 | 13.0 | 10.0 | 15.0 |
| 10 | 14.0 | 13.0 | 13.5 | 17.0 | 11.5 | 10.0 | 9.5 | 14.0 | 17.0 | 17.5 | 20.5 | 17.5 | 20.5 | 25.0 | 24.5 | 24.5 | 24.0 | 22.5 | 16.5 | 10.0 | 12.0 | 14.5 | 7.0 | 2.5 | 16.0 | 25.0 |
| 11 | 4.5 | 4.0 | 5.0 | 5.5 | 6.0 | 5.0 | 11.5 | 9.5 | 13.0 | 12.5 | 12.5 | 14.0 | 13.0 | 15.0 | 11.5 | 14.0 | 17.0 | 21.0 | 19.0 | 15.5 | 7.5 | 8.5 | 6.5 | 5.5 | 10.5 | 21.0 |
| 12 | 5.0 | 4.0 | 3.5 | 3.0 | 5.5 | 10.5 | 6.0 | 6.0 | 6.5 | 12.0 | 12.5 | 14.0 | 12.5 | 13.0 | 14.0 | 11.0 | 12.5 | 9.0 | 12.0 | 8.5 | 7.0 | 5.0 | 3.5 | 5.0 | 8.5 | 14.0 |
| 13 | 10.0 | 10.5 | 8.5 | 5.5 | 4.0 | 7.5 | 8.0 | 9.5 | 5.0 | 5.5 | 10.5 | 16.0 | 14.0 | 9.5 | 9.5 | 15.5 | 22.0 | 23.5 | 11.0 | 8.0 | 5.5 | 6.5 | 7.5 | 7.5 | 10.0 | 23.5 |
| 14 | 6.5 | 9.5 | 3.5 | 5.0 | 5.0 | 5.5 | 6.5 | 7.5 | 8.5 | 9.0 | 8.5 | 8.0 | 7.0 | 7.0 | 7.0 | 5.5 | 6.0 | 4.5 | 7.0 | 7.0 | 3.5 | 2.5 | 2.5 | 3.5 | 6.0 | 9.5 |
| 15 | 5.0 | 6.5 | 5.0 | 5.0 | 4.5 | 4.5 | 5.5 | 4.0 | 4.5 | 5.0 | 5.0 | 5.5 | 5.5 | 5.0 | 6.0 | 9.5 | 6.0 | 5.0 | 4.0 | 11.5 | 11.5 | 10.5 | 11.0 | 14.0 | 6.5 | 14.0 |
| 16 | 11.5 | 10.0 | 5.0 | 2.5 | 3.0 | 2.5 | 3.5 | 8.0 | 4.0 | 7.5 | 6.5 | 6.0 | 10.0 | 18.0 | 14.5 | 18.0 | 23.5 | 16.5 | 14.5 | 19.0 | 20.0 | 12.5 | 19.0 | 19.5 | 11.5 | 23.5 |
| 17 | 11.5 | 8.5 | 6.0 | 4.0 | 3.0 | 3.0 | 3.0 | 4.5 | 5.0 | 4.0 | 4.5 | 7.0 | 11.5 | 8.5 | 7.5 | 7.5 | 9.5 | 11.5 | 10.0 | 7.5 | 4.5 | 7.0 | 9.0 | 5.5 | 7.0 | 11.5 |
| 18 | 6.0 | 6.5 | 7.5 | 4.0 | 4.5 | 4.5 | 4.0 | 4.0 | 4.5 | 6.5 | 8.0 | 10.0 | 14.5 | 12.5 | 10.0 | 10.0 | 6.5 | 5.5 | 9.0 | 12.0 | 11.5 | 7.5 | 7.0 | 6.5 | 7.5 | 14.5 |
| 19 | 2.5 | 4.5 | 4.5 | 4.5 | 3.0 | 3.5 | 3.0 | 3.5 | 5.0 | 4.5 | 5.0 | 5.5 | 8.0 | 8.0 | 10.0 | 7.5 | 7.0 | 5.0 | 3.0 | 3.5 | 6.0 | 9.5 | 3.5 | 4.0 | 5.0 | 10.0 |
| 20 | 2.5 | 2.5 | 3.5 | 3.0 | 2.5 | 3.5 | 3.0 | 2.5 | 5.0 | 4.5 | 4.5 | 12.0 | 12.0 | 18.0 | 13.5 | 12.0 | 10.0 | 10.5 | 14.0 | 13.5 | 14.0 | 13.0 | 8.0 | 6.5 | 8.0 | 18.0 |
| 21 | 9.5 | 9.5 | 5.0 | 6.5 | 7.5 | 3.0 | 3.0 | 6.5 | 7.0 | 10.0 | 10.5 | 13.0 | 14.0 | 12.0 | 15.0 | 12.0 | 9.0 | 10.0 | 11.5 | 11.5 | 10.5 | 13.5 | 14.5 | 12.5 | 10.0 | 15.0 |
| 22 | 13.0 | 14.5 | 16.5 | 19.5 | 20.0 | 14.0 | 12.0 | 16.0 | 17.0 | 18.5 | 34.5 | 4.0 | 9.0 | 15.0 | 13.5 | 12.0 | 22.0 | 14.0 | 5.0 | 9.5 | 7.5 | 6.0 | 9.5 | 4.0 | 13.5 | 34.5 |
| 23 | 5.0 | 8.0 | 2.5 | 3.5 | 3.5 | 5.5 | 4.5 | 9.0 | 8.5 | 8.0 | 8.5 | 8.0 | 12.0 | 12.0 | 15.0 | 18.0 | 23.0 | 27.0 | 32.0 | 26.0 | 17.0 | 4.5 | 3.0 | 2.0 | 11.0 | 32.0 |
| 24 | 3.0 | 3.5 | 5.0 | 6.0 | 7.0 | 8.0 | 6.5 | 3.0 | 8.0 | 7.5 | 8.0 | 8.0 | 8.5 | 10.0 | 8.5 | 6.0 | 6.5 | 17.5 | 20.5 | 16.0 | 14.0 | 11.5 | 8.5 | 6.5 | 8.5 | 20.5 |
| 25 | 12.5 | 9.5 | 4.0 | 5.0 | 6.0 | 6.5 | 6.0 | 4.5 | 6.0 | 7.0 | 10.5 | 15.0 | 13.0 | 13.5 | 13.0 | 9.5 | 10.0 | 11.5 | 15.5 | 15.0 | 11.5 | 9.5 | 11.0 | 6.5 | 9.5 | 15.5 |
| 26 | 7.0 | 4.0 | 3.5 | 7.0 | 5.0 | 4.0 | 3.5 | 4.0 | 5.0 | 7.5 | 6.0 | 7.5 | 8.0 | 7.5 | 6.5 | 10.0 | 10.0 | 8.5 | 6.5 | 6.0 | 5.0 | 3.5 | 3.5 | 7.0 | 6.0 | 10.0 |
| 27 | 10.0 | 12.0 | 7.0 | 8.5 | 9.0 | 6.0 | 3.0 | 4.5 | 3.0 | 4.0 | 5.0 | 6.0 | 13.0 | 17.0 | 13.0 | 8.0 | 8.5 | 10.5 | 10.0 | 9.5 | 7.5 | 3.0 | 5.0 | 9.5 | 8.0 | 17.0 |
| 28 | 12.0 | 9.0 | 5.5 | 3.0 | 2.5 | 3.5 | 3.5 | 5.0 | 5.0 | 3.5 | 4.5 | 6.5 | 6.0 | 7.5 | 6.5 | 8.0 | 6.5 | 4.5 | 4.5 | 3.0 | 3.0 | 6.5 | 5.5 | 3.0 | 5.5 | 12.0 |
| 29 | 3.5 | 4.0 | 2.5 | 3.5 | 4.0 | 4.0 | 3.0 | 3.0 | 4.5 | 4.5 | 7.0 | 5.0 | 8.0 | 8.5 | 12.0 | 6.0 | 5.5 | 10.5 | 22.0 | 21.0 | 19.0 | 18.0 | 17.5 | 15.0 | 9.0 | 22.0 |
| 30 | 11.0 | 10.5 | 13.0 | 4.5 | 5.5 | 4.0 | 3.5 | 9.0 | 7.5 | 9.0 | 10.5 | 14.5 | 13.0 | 18.0 | 16.5 | 13.0 | 21.5 | 10.5 | 8.0 | 9.5 | 10.0 | 8.0 | 6.0 | 11.5 | 10.5 | 21.5 |
| 31 | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] |
| AV | 8.5 | 8.0 | 6.0 | 5.5 | 5.0 | 5.0 | 5.0 | 6.0 | 7.0 | 8.5 | 10.0 | 11.0 | 11.5 | 12.5 | 12.0 | 11.5 | 12.0 | 12.0 | 11.5 | 10.5 | 9.0 | 9.0 | 8.5 | 8.0 | 9.0 | [ ] |
| SD | 3.7 | 3.3 | 3.4 | 3.8 | 3.4 | 2.7 | 2.5 | 3.3 | 3.6 | 4.0 | 6.1 | 4.2 | 3.2 | 4.4 | 3.7 | 4.0 | 5.8 | 5.6 | 5.9 | 5.1 | 4.3 | 3.4 | 4.1 | 4.2 | 2.3 | [ ] |

OUTPT (VERSION N 28 JUL 76)

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 11

JULY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 9.0 | 11.0 | 4.5 | 5.0 | 6.0 | 7.5 | 6.0 | 7.0 | 7.5 | 7.0 | 7.5 | 5.0 | 7.5 | 11.0 | 9.0 | 7.5 | 8.5 | 7.0 | 6.0 | 6.0 | 9.0 | 10.0 | 5.0 | 3.0 | 7.0 | 11.0 |
| 2 | 5.0 | 17.0 | 14.0 | 10.5 | 3.0 | 6.5 | 4.0 | 2.5 | 4.5 | 6.0 | 8.5 | 7.5 | 5.0 | 10.0 | 12.5 | 16.0 | 12.0 | 13.0 | 6.5 | 6.5 | 9.5 | 13.5 | 7.5 | 6.0 | 8.5 | 17.0 |
| 3 | 8.0 | 6.0 | 5.5 | 6.0 | 5.0 | 3.0 | 2.5 | 3.5 | 3.5 | 4.0 | 6.5 | 5.0 | 7.0 | 9.5 | 10.0 | 8.0 | 5.0 | 4.5 | 5.0 | 3.5 | 2.5 | 10.0 | 12.5 | 12.0 | 6.0 | 12.5 |
| 4 | 7.5 | 7.0 | 6.0 | 8.0 | 7.0 | 7.5 | 5.5 | 3.5 | 4.5 | 5.0 | 7.5 | 7.0 | 9.0 | 16.0 | 10.0 | 10.0 | 11.5 | 10.0 | 7.5 | 3.5 | 5.5 | 12.0 | 7.0 | 7.5 | 7.5 | 16.0 |
| 5 | 8.0 | 8.0 | 7.5 | 10.5 | 7.5 | 6.0 | 5.5 | 4.5 | 5.5 | 6.5 | 8.0 | 7.5 | 8.5 | 11.0 | 10.0 | 9.5 | 7.0 | 5.5 | 5.5 | 3.5 | 6.0 | 10.0 | 13.5 | 9.5 | 7.5 | 13.5 |
| 6 | 5.5 | 7.0 | 8.5 | 7.0 | 6.5 | 5.5 | 3.5 | 2.5 | 4.0 | 5.5 | 4.5 | 5.5 | 6.5 | 6.0 | 7.0 | 6.0 | 7.0 | 15.0 | 11.0 | 10.0 | 6.5 | 7.0 | 3.5 | 11.5 | 7.0 | 15.0 |
| 7 | 5.0 | 7.0 | 9.5 | 3.5 | 3.5 | 4.0 | 3.5 | 3.0 | [MT] | 8.0 | 11.5 | 13.0 | 14.0 | 19.5 | 15.5 | 14.5 | 11.0 | 17.0 | 18.0 | 14.5 | 12.5 | 13.5 | 22.5 | 22.0 | 11.5 | 22.5 |
| 8 | 12.0 | 5.0 | 5.0 | 3.0 | 3.5 | 2.0 | 2.0 | 3.5 | 5.5 | 6.0 | 9.0 | 11.0 | 12.5 | 9.5 | 9.5 | 8.0 | 5.5 | 7.0 | 5.0 | 8.5 | 12.0 | 14.5 | 13.5 | 9.0 | 7.5 | 14.5 |
| 9 | 3.5 | 8.0 | 10.0 | 11.0 | 10.5 | 5.5 | 5.5 | 6.0 | 5.0 | 6.5 | 8.0 | 10.0 | 8.5 | 10.0 | 16.5 | 8.5 | 7.0 | 8.0 | 4.5 | 6.5 | 10.0 | 16.0 | 10.0 | 14.5 | 8.5 | 16.5 |
| 10 | 14.0 | 15.5 | 13.5 | 4.5 | 5.0 | 3.0 | 5.0 | 4.0 | 5.0 | 6.0 | 8.0 | 7.5 | 6.5 | 8.5 | 8.5 | 19.5 | 14.5 | 10.0 | 6.5 | 5.5 | 17.5 | 14.5 | 10.0 | 2.0 | 9.0 | 19.5 |
| 11 | 4.0 | 3.5 | 3.0 | 8.0 | 9.5 | 9.5 | 7.5 | 4.0 | 6.0 | 4.5 | 5.5 | 5.5 | 6.0 | 7.5 | 7.5 | 11.5 | 4.5 | 9.5 | 16.0 | 6.5 | 5.5 | 7.5 | 5.5 | 5.5 | 7.0 | 16.0 |
| 12 | 11.5 | 9.5 | 13.0 | 11.5 | 5.0 | 5.0 | 6.0 | 7.0 | 6.0 | 5.0 | 6.0 | 6.5 | 17.0 | 10.5 | 14.0 | 6.0 | 11.5 | 10.5 | 10.5 | 4.5 | 4.5 | 4.0 | 7.5 | 5.5 | 8.5 | 17.0 |
| 13 | 7.0 | 5.0 | 3.5 | 3.5 | 3.0 | 4.5 | 2.5 | 6.5 | 4.0 | 4.5 | 6.0 | 8.0 | 8.5 | 11.5 | 12.0 | 11.5 | 9.0 | 6.5 | 4.0 | 3.0 | 2.5 | 4.0 | 4.5 | 4.5 | 6.0 | 12.0 |
| 14 | 3.5 | 4.5 | 3.5 | 4.5 | 3.5 | 6.5 | 3.0 | 4.0 | 6.0 | 6.0 | 5.0 | 8.5 | 7.5 | 14.5 | 18.0 | 8.5 | 10.5 | 12.0 | 9.5 | 6.0 | 3.5 | 3.5 | 3.5 | 3.0 | 6.5 | 18.0 |
| 15 | 4.5 | 6.5 | 6.5 | 7.0 | 7.5 | 6.0 | 6.5 | 3.5 | 3.5 | 4.5 | 5.5 | 6.5 | 6.5 | 7.0 | 6.5 | 5.5 | 4.5 | 4.5 | 4.0 | 2.5 | 3.5 | 5.5 | 5.0 | 6.5 | 5.5 | 7.5 |
| 16 | 5.5 | 3.0 | 3.5 | 4.5 | 3.5 | 5.0 | 4.5 | 4.0 | 2.5 | 4.5 | 5.5 | 7.5 | 8.5 | 10.0 | 9.5 | 8.5 | 7.0 | 7.0 | 4.5 | 4.0 | 4.0 | 7.0 | 6.5 | 6.0 | 5.5 | 10.0 |
| 17 | 5.5 | 6.5 | 3.5 | 4.0 | 2.5 | 3.0 | 3.5 | 6.0 | 8.0 | 9.5 | 11.0 | 10.5 | 6.5 | 7.5 | 5.5 | 14.0 | 12.5 | 15.0 | 19.0 | 4.5 | 8.0 | 9.0 | 5.0 | 4.0 | 7.5 | 19.0 |
| 18 | 5.0 | 11.0 | 8.5 | 4.0 | 1.5 | 1.5 | 3.0 | 5.0 | 3.5 | 4.0 | 9.5 | 7.5 | 7.0 | 14.5 | 16.0 | 16.5 | 11.0 | 10.5 | 5.0 | 12.5 | 12.5 | 9.5 | 8.0 | 3.0 | 8.0 | 18.0 |
| 19 | 3.0 | 4.5 | 3.0 | 2.5 | 2.0 | 2.5 | 3.0 | 2.5 | 3.5 | 5.0 | 6.5 | 7.0 | 8.0 | 7.0 | 16.5 | 18.5 | 10.0 | 9.5 | 15.5 | 16.5 | 21.5 | 13.0 | 6.5 | 15.5 | 8.5 | 21.5 |
| 20 | 15.0 | 7.5 | 4.5 | 4.5 | 6.0 | 6.0 | 8.0 | 5.0 | 4.0 | 4.0 | 4.0 | 5.0 | 7.0 | 6.5 | 6.0 | 22.0 | 11.5 | 5.0 | 6.5 | 7.5 | 8.5 | 10.0 | 8.0 | 10.0 | 7.5 | 22.0 |
| 21 | 6.5 | 6.5 | 7.0 | 7.0 | 7.5 | 8.0 | 9.0 | 3.0 | 5.0 | 7.0 | 6.0 | 6.0 | 7.0 | 6.5 | 7.0 | 9.5 | 12.5 | 9.5 | 7.5 | 4.0 | 5.5 | 4.0 | 3.5 | 5.5 | 6.5 | 12.5 |
| 22 | 5.0 | 6.0 | 6.5 | 6.5 | 6.5 | 5.5 | 7.5 | 3.5 | 4.5 | 5.0 | 4.5 | 7.5 | 4.5 | 6.0 | 7.0 | 7.5 | 6.5 | 5.5 | 8.5 | 5.5 | 4.5 | 3.0 | 7.0 | 7.5 | 6.0 | 8.5 |
| 23 | 4.5 | 7.5 | 7.5 | 9.5 | 8.0 | 8.0 | 5.0 | 3.0 | 5.0 | 6.5 | 7.0 | 6.5 | 8.0 | 7.0 | 7.0 | 9.0 | 8.5 | 7.0 | 5.5 | 6.0 | 8.0 | 14.5 | 12.0 | 7.5 | 7.5 | 14.5 |
| 24 | 7.0 | 3.5 | 5.5 | 6.5 | 5.0 | 5.0 | 5.5 | 9.0 | 7.0 | 6.0 | 6.0 | 8.0 | 9.0 | 7.5 | 7.5 | 6.5 | 12.0 | 12.5 | 8.5 | 8.0 | 10.0 | 7.0 | 7.0 | 11.5 | 7.5 | 12.5 |
| 25 | 8.5 | 8.5 | 9.5 | 8.5 | 8.0 | 5.5 | 6.0 | 9.5 | 5.5 | 6.5 | 5.0 | 6.5 | 16.0 | 16.5 | 18.0 | 11.0 | 16.5 | 12.0 | 10.0 | 4.0 | 6.0 | 4.5 | 3.0 | 2.5 | 8.5 | 18.0 |
| 26 | 3.0 | 2.5 | 5.0 | 5.0 | 7.0 | 6.0 | 2.5 | 2.5 | 2.5 | 4.0 | 4.5 | 5.5 | 7.0 | 10.0 | 14.0 | 14.5 | 10.5 | 7.5 | 6.0 | 8.0 | 10.0 | 11.0 | 8.5 | 7.0 | 7.0 | 14.5 |
| 27 | 15.5 | 8.0 | 6.5 | 4.5 | 5.5 | 4.0 | 3.5 | 5.0 | 5.5 | 4.0 | 4.5 | 7.0 | 8.5 | 8.5 | 9.5 | 10.5 | 10.5 | 14.0 | 11.0 | 5.5 | 2.5 | 4.0 | 9.5 | 7.0 | 7.5 | 15.5 |
| 28 | 7.0 | 5.0 | 7.0 | 6.5 | 7.0 | 10.0 | 6.0 | 7.5 | 4.0 | 3.5 | 5.5 | 6.5 | 10.0 | 15.5 | 20.5 | 14.5 | 6.5 | 6.5 | 9.0 | 7.5 | 3.5 | 8.0 | 10.5 | 5.5 | 8.0 | 20.5 |
| 29 | 6.0 | 4.0 | 6.5 | 6.0 | 6.5 | 7.5 | 9.0 | 4.5 | 3.5 | 6.5 | 9.0 | 8.5 | 7.0 | 13.0 | 10.5 | 16.5 | 11.5 | 8.5 | 5.5 | 3.5 | 3.0 | 6.0 | 7.5 | 7.0 | 7.5 | 16.5 |
| 30 | 6.5 | 4.0 | 3.5 | 4.5 | 2.0 | 3.0 | 4.0 | 6.5 | 5.0 | 5.0 | 8.0 | 6.5 | 2.5 | 7.0 | 8.5 | 12.0 | 11.0 | 13.5 | 19.5 | 9.5 | 9.5 | 12.0 | 14.5 | 8.5 | 8.0 | 19.5 |
| 31 | 5.0 | 9.5 | 10.5 | 8.0 | 4.0 | 4.0 | 3.5 | 5.0 | 6.0 | 7.0 | 9.5 | 9.5 | 10.5 | 11.0 | 10.5 | 9.0 | 9.0 | 14.5 | 9.0 | 15.0 | 9.5 | 4.5 | 3.5 | 3.5 | 8.0 | 15.0 |
| AV | 7.0 | 7.0 | 7.0 | 6.5 | 5.5 | 5.5 | 5.0 | 4.5 | 5.0 | 5.5 | 7.0 | 7.5 | 8.5 | 10.0 | 11.0 | 11.5 | 9.5 | 9.5 | 8.5 | 7.0 | 7.5 | 9.0 | 8.0 | 7.5 | 7.5 | [ ] |
| SD | 3.3 | 3.3 | 3.0 | 2.4 | 2.2 | 2.1 | 1.9 | 1.9 | 1.3 | 1.3 | 2.0 | 1.8 | 2.8 | 3.4 | 4.1 | 4.2 | 2.9 | 3.4 | 4.4 | 3.6 | 4.4 | 3.9 | 4.1 | 4.1 | 1.2 | [ ] |

OUTPT [VERSION N 28 JUL 76]

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 11

MAY,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 19/SEP/76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | PREV | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 110 | 110 | 120 | 100 | 115 | 105 | 105 | 25 | 305 | 305 | 265 | 310 | 350 | 295 | 295 | 330 | 320 | 310 | 180 | 130 | 145 | 130 | 145 | 160 | 6 | |
| 2 | 120 | 115 | 110 | 115 | 115 | 115 | 115 | 95 | 320 | 310 | 325 | 280 | 325 | 325 | 305 | 325 | 65 | 15 | 220 | 290 | 115 | 140 | 145 | 110 | 6 | |
| 3 | 110 | 195 | 125 | 110 | 125 | 125 | 160 | 115 | 305 | 295 | 325 | 315 | 330 | 165 | 185 | 215 | 155 | 190 | 190 | 165 | 175 | 215 | 185 | 220 | 8 | |
| 4 | 180 | 165 | 170 | 170 | 175 | 180 | 170 | 170 | 15 | 280 | 260 | 225 | 220 | 235 | 230 | 235 | 275 | 310 | 240 | 215 | 215 | 175 | 130 | 125 | 9 | |
| 5 | 110 | 120 | 105 | 120 | 115 | 120 | 115 | 335 | 300 | 295 | 320 | 295 | 285 | 305 | 300 | 280 | 285 | 300 | 310 | 40 | 75 | 275 | 295 | 265 | 14 | |
| 6 | 275 | 285 | 230 | 155 | 135 | 180 | 125 | 85 | 325 | 300 | 300 | [MT] | 75 | 235 | 110 | 100 | 100 | 20 | 110 | 140 | 145 | 135 | 50 | 80 | 7 | |
| 7 | 65 | 115 | 115 | 110 | 130 | 45 | 150 | 110 | 90 | 340 | 60 | 35 | 345 | 80 | 25 | 310 | 305 | 300 | 260 | 250 | 165 | 140 | 155 | 160 | 6 | |
| 8 | 140 | 175 | 145 | 120 | 110 | 135 | 115 | 95 | 120 | 130 | 135 | 135 | 230 | 335 | 10 | 185 | 200 | 135 | 130 | 130 | 135 | 140 | 145 | 135 | 6 | |
| 9 | 175 | 190 | 155 | 135 | 155 | 50 | 90 | 45 | 325 | 320 | 285 | 350 | 325 | 290 | 300 | 285 | 275 | 310 | 130 | 130 | 140 | 140 | 135 | 145 | 7 | |
| 10 | 110 | 110 | 120 | 115 | 125 | 110 | 85 | 320 | 305 | 290 | 280 | 295 | 300 | 145 | 65 | 305 | 205 | 255 | 235 | 175 | 155 | 110 | 110 | 135 | 6 | |
| 11 | 120 | 105 | 130 | 130 | 125 | 45 | 15 | 290 | 290 | 290 | 265 | 245 | 265 | 305 | 260 | 285 | 275 | 280 | 280 | 275 | 280 | 280 | 275 | 255 | 13 | |
| 12 | 185 | 120 | 110 | 95 | 95 | 95 | 105 | 0 | 10 | 315 | 295 | 305 | 310 | 310 | 300 | 355 | 0 | 310 | 310 | 265 | 115 | 95 | 130 | 135 | 6 | |
| 13 | 105 | 100 | 100 | 110 | 120 | 120 | 135 | 120 | 40 | 320 | 275 | 335 | 275 | 295 | 260 | 295 | 20 | 150 | 190 | 130 | 145 | 65 | 115 | 120 | 6 | |
| 14 | 110 | 115 | 105 | 100 | 95 | 105 | 90 | 350 | 290 | 285 | 285 | 255 | 285 | 290 | 55 | 210 | 245 | 210 | 150 | 130 | 125 | 145 | 150 | 160 | 6 | |
| 15 | 300 | 290 | 300 | 0 | 75 | 80 | 90 | 70 | 65 | 65 | 70 | 65 | 65 | 85 | 75 | 75 | 85 | 85 | 75 | 80 | 80 | 70 | 70 | 75 | [VA] | |
| 16 | 80 | 85 | 80 | 95 | 95 | 100 | 80 | 70 | 35 | 325 | 340 | 345 | 275 | 320 | 290 | 260 | 300 | 75 | 135 | 325 | 70 | 100 | 100 | 105 | 5 | |
| 17 | 95 | 100 | 105 | 100 | 105 | 110 | 25 | 355 | 300 | 285 | 285 | 285 | 340 | 290 | 285 | 0 | 15 | 290 | 20 | 105 | 130 | 130 | 130 | 120 | 6 | |
| 18 | 160 | 200 | 100 | 115 | 80 | 100 | 95 | 15 | 275 | 280 | 265 | 255 | 230 | 185 | 110 | 200 | 175 | 200 | 220 | 235 | 240 | 200 | 205 | 120 | 10 | |
| 19 | 55 | 125 | 155 | 165 | 5 | 225 | 245 | 195 | 270 | 285 | 335 | 225 | 55 | 130 | 295 | 80 | 130 | 135 | 130 | 125 | 120 | 120 | 145 | 125 | 7 | |
| 20 | 310 | 185 | 115 | 140 | 120 | 120 | 140 | 170 | 230 | 110 | 95 | 180 | 115 | 120 | 120 | 110 | 140 | 115 | 75 | 110 | 125 | 125 | 120 | 130 | 6 | |
| 21 | 75 | 120 | 165 | 110 | 130 | 130 | 100 | 95 | 100 | 75 | 145 | 150 | 115 | 135 | 75 | 320 | 355 | 335 | 205 | 135 | 235 | 265 | 175 | 130 | 6 | |
| 22 | 125 | 130 | 165 | 180 | 120 | 100 | 120 | 340 | 10 | 275 | 290 | 265 | 60 | 200 | 165 | 155 | 180 | 155 | 135 | 80 | 105 | 195 | 125 | 130 | 7 | |
| 23 | 130 | 110 | 115 | 115 | 135 | 225 | 150 | 85 | 325 | 285 | 290 | 330 | 350 | 170 | 305 | 0 | 345 | 335 | 70 | 120 | 115 | 120 | 275 | 60 | 6 | |
| 24 | 105 | 95 | 140 | 55 | 105 | 120 | 345 | 290 | 285 | 265 | 280 | 290 | 15 | 170 | 135 | 5 | 115 | 110 | 265 | 145 | 145 | 125 | 130 | 155 | [VA] | |
| 25 | 350 | 105 | 95 | 85 | 110 | 120 | 115 | 75 | 305 | 300 | 310 | 290 | 265 | 195 | 230 | 325 | 10 | 110 | 125 | 135 | 135 | 125 | 65 | 120 | 6 | |
| 26 | 115 | 105 | 115 | 115 | 110 | 110 | 115 | 305 | 325 | 290 | 300 | 260 | 330 | 250 | 295 | 335 | 330 | 280 | 20 | 35 | 125 | 125 | 120 | 105 | 6 | |
| 27 | 180 | 135 | 110 | 115 | 110 | 115 | 115 | 325 | 310 | 300 | 325 | 295 | 270 | 270 | 315 | 285 | 295 | 285 | 255 | 150 | 115 | 145 | 140 | 135 | 14 | |
| 28 | 115 | 120 | 145 | 25 | 100 | 180 | 230 | 310 | 5 | 325 | 305 | 95 | 15 | 250 | 205 | 185 | 240 | 210 | 170 | 170 | 170 | 150 | 210 | 185 | 9 | |
| 29 | 125 | 130 | 100 | 320 | 115 | 135 | 115 | 85 | 355 | 290 | 285 | 300 | 260 | 165 | 15 | 285 | 300 | 305 | 300 | 290 | 270 | 300 | 280 | 255 | 14 | |
| 30 | 125 | 100 | 135 | 75 | 95 | 110 | 135 | 165 | 80 | 315 | 300 | 320 | 270 | 265 | 310 | 340 | 75 | 135 | 125 | 130 | 145 | 145 | 135 | 150 | 7 | |
| 31 | 145 | 145 | 105 | 110 | 110 | 110 | 120 | 0 | 335 | 285 | 290 | 315 | 30 | 115 | 110 | 325 | 250 | 270 | 275 | 210 | 145 | 135 | 140 | 145 | [VA] | |
| PV | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 5 | 14 | 14 | 14 | [VA] | 13 | 14 | 14 | 15 | 13 | 14 | 7 | [VA] | 7 | 7 | 7 | 7 | 6 | |

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 11

JUNE,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | PREV | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 135 | 95 | 85 | 140 | 345 | 185 | 110 | 20 | 15 | 290 | 235 | 310 | 275 | 45 | 155 | 210 | 270 | 255 | 265 | 205 | 165 | 145 | 150 | 145 | 7 | |
| 2 | 115 | 20 | 100 | 40 | 230 | 305 | 100 | 5 | 350 | 310 | 290 | 315 | 315 | 160 | 155 | 160 | 160 | 170 | 190 | 195 | 200 | 150 | 140 | 140 | 8 | |
| 3 | 130 | 125 | 15 | 110 | 65 | 40 | 300 | 305 | 265 | 140 | 150 | 160 | 165 | 205 | 170 | 160 | 175 | 210 | 220 | 225 | 175 | 165 | 165 | 135 | 8 | |
| 4 | 115 | 0 | 40 | 105 | 105 | 250 | 15 | 345 | 295 | 295 | 145 | 155 | 175 | 155 | 160 | 185 | 10 | 205 | 210 | 225 | 185 | 170 | 155 | 185 | 9 | |
| 5 | 210 | 145 | 110 | 125 | 110 | 120 | 100 | 355 | 305 | 310 | 325 | 125 | 130 | 135 | 145 | 145 | 145 | 155 | 165 | 165 | 160 | 145 | 145 | 155 | 7 | |
| 6 | 135 | 120 | 145 | 100 | 95 | 275 | 315 | 310 | 90 | 200 | 205 | 180 | 210 | 215 | 160 | 180 | 160 | 170 | 150 | 150 | 150 | 150 | 145 | 230 | 8 | |
| 7 | 135 | 250 | 285 | 295 | 140 | 145 | 125 | 125 | 165 | 190 | 170 | 160 | 310 | 255 | 215 | 215 | 215 | 160 | 155 | 160 | 150 | 155 | 155 | 155 | 8 | |
| 8 | 150 | 150 | 280 | 110 | 130 | 130 | 125 | 150 | 155 | 165 | 170 | 165 | 175 | 165 | 215 | 205 | 215 | 195 | 250 | 275 | 225 | 200 | 280 | 205 | 8 | |
| 9 | 140 | 150 | 155 | 150 | 130 | 135 | 125 | 240 | 325 | 320 | 235 | 180 | 170 | 175 | 170 | 190 | 190 | 210 | 200 | 210 | 180 | 160 | 155 | 160 | 8 | |
| 10 | 160 | 155 | 160 | 155 | 150 | 160 | 155 | 165 | 165 | 165 | 160 | 165 | 160 | 160 | 170 | 165 | 170 | 165 | 170 | 220 | 285 | 310 | 315 | 240 | [VA] | |
| 11 | 135 | 185 | 170 | 155 | 185 | 230 | 290 | 285 | 205 | 185 | 185 | 205 | 240 | 300 | 260 | 255 | 260 | 310 | 310 | 305 | 180 | 175 | 165 | 225 | 9 | |
| 12 | 260 | 215 | 205 | 180 | 140 | 160 | 205 | 270 | 270 | 285 | 300 | 290 | 290 | 270 | 275 | 280 | 260 | 255 | 255 | 255 | 220 | 225 | 220 | 195 | 13 | |
| 13 | 155 | 150 | 250 | 265 | 205 | 145 | 145 | 130 | 50 | 20 | 290 | 310 | 320 | 320 | 330 | 330 | 315 | 310 | 310 | 310 | 195 | 160 | 150 | 135 | 15 | |
| 14 | 115 | 150 | 180 | 170 | 175 | 155 | 190 | 260 | 260 | 275 | 270 | 285 | 275 | 275 | 275 | 320 | 10 | 345 | 35 | 20 | 30 | 40 | 85 | 145 | 13 | |
| 15 | 110 | 125 | 120 | 130 | 120 | 120 | 55 | 325 | 335 | 105 | 150 | 40 | 340 | 150 | 350 | 305 | 285 | 350 | 220 | 165 | 175 | 170 | 180 | 180 | [VA] | |
| 16 | 170 | 170 | 310 | 40 | 335 | 145 | 140 | 175 | 230 | 295 | 270 | 275 | 315 | 310 | 310 | 320 | 315 | 305 | 295 | 300 | 300 | 35 | 140 | 140 | 14 | |
| 17 | 150 | 130 | 120 | 125 | 330 | 130 | 40 | 295 | 310 | 310 | 185 | 285 | 305 | 15 | 85 | 110 | 10 | 145 | 150 | 155 | 115 | 125 | 120 | 120 | 7 | |
| 18 | 125 | 120 | 140 | 115 | 130 | 125 | 55 | 300 | 310 | 315 | 300 | 315 | 295 | 305 | 305 | 305 | 345 | 55 | 75 | 100 | 85 | 100 | 105 | 110 | 15 | |
| 19 | 125 | 110 | 150 | 140 | 120 | 85 | 325 | 325 | 325 | 305 | 290 | 295 | 315 | 310 | 300 | 310 | 335 | 315 | 10 | 95 | 130 | 145 | 135 | 150 | 15 | |
| 20 | 225 | 100 | 5 | 140 | 65 | 170 | 320 | 55 | 5 | 35 | 320 | 240 | 215 | 155 | 195 | 190 | 215 | 205 | 175 | 155 | 155 | 170 | 215 | 195 | 9 | |
| 21 | 185 | 190 | 40 | 170 | 160 | 120 | 40 | 335 | 320 | 320 | 230 | 260 | 250 | 245 | 270 | 250 | 240 | 205 | 175 | 175 | 160 | 155 | 160 | 155 | 9 | |
| 22 | 150 | 155 | 165 | 160 | 170 | 150 | 140 | 145 | 145 | 140 | 350 | 45 | 60 | 130 | 280 | 325 | 305 | 305 | 150 | 145 | 150 | 120 | 120 | 115 | 7 | |
| 23 | 135 | 160 | 250 | 150 | 175 | 150 | 260 | 285 | 275 | 300 | 280 | 280 | 280 | 290 | 290 | 295 | 295 | 295 | 300 | 300 | 310 | 300 | 25 | 85 | [VA] | |
| 24 | 120 | 110 | 120 | 115 | 125 | 130 | 125 | 340 | 315 | 285 | 275 | 290 | 275 | 275 | 265 | 260 | 270 | 295 | 305 | 305 | 295 | 280 | 245 | 155 | 14 | |
| 25 | 150 | 150 | 130 | 135 | 125 | 125 | 135 | 340 | 315 | 255 | 270 | 250 | 235 | 235 | 240 | 240 | 260 | 265 | 275 | 265 | 260 | 185 | 185 | 230 | 13 | |
| 26 | 205 | 210 | 205 | 240 | 330 | 200 | 335 | 355 | 325 | 295 | 245 | 295 | 305 | 300 | 280 | 295 | 300 | 315 | 320 | 325 | 85 | 325 | 45 | 130 | 15 | |
| 27 | 140 | 150 | 120 | 140 | 130 | 130 | 105 | 250 | 330 | 315 | 305 | 295 | 310 | 310 | 300 | 320 | 300 | 290 | 310 | 315 | 290 | 300 | 105 | 130 | 15 | |
| 28 | 140 | 180 | 85 | 30 | 130 | 155 | 65 | 310 | 320 | 285 | 290 | 290 | 280 | 280 | 265 | 315 | 310 | 275 | 50 | 45 | 60 | 120 | 110 | 125 | [VA] | |
| 29 | 245 | 130 | 145 | 130 | 115 | 120 | 355 | 70 | 340 | 305 | 315 | 325 | 295 | 225 | 200 | 220 | 280 | 180 | 120 | 135 | 145 | 150 | 150 | 150 | 7 | |
| 30 | 135 | 145 | 145 | 245 | 180 | 150 | 10 | 205 | 205 | 210 | 190 | 170 | 160 | 155 | 150 | 160 | 250 | 305 | 235 | 165 | 165 | 145 | 160 | 155 | 8 | |
| 31 | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | |
| PV | 7 | [VA] | [VA] | 7 | 7 | 7 | 7 | 15 | 15 | 14 | 14 | 14 | 15 | 8 | 13 | 15 | 13 | 15 | 8 | 8 | [VA] | 8 | 7 | 7 | 8 | |

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 11

JULY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | PREV | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 150 | 155 | 225 | 120 | 135 | 145 | 220 | 250 | 180 | 240 | 305 | 140 | 105 | 105 | 100 | 125 | 160 | 205 | 185 | 175 | 155 | 140 | 290 | 290 | [VA] | |
| 2 | 130 | 110 | 115 | 115 | 235 | 150 | 190 | 315 | 310 | 325 | 310 | 300 | 325 | 300 | 250 | 275 | 265 | 265 | 255 | 285 | 295 | 295 | 290 | 130 | 14 | |
| 3 | 130 | 70 | 105 | 130 | 205 | 205 | 75 | 335 | 320 | 315 | 295 | 320 | 325 | 310 | 320 | 320 | 310 | 15 | 345 | 255 | 170 | 155 | 155 | 150 | 15 | |
| 4 | 130 | 140 | 120 | 125 | 125 | 130 | 115 | 70 | 320 | 320 | 325 | 320 | 275 | 305 | 295 | 250 | 260 | 250 | 275 | 215 | 115 | 150 | 160 | 145 | 7 | |
| 5 | 140 | 130 | 130 | 145 | 130 | 130 | 135 | 290 | 315 | 315 | 295 | 305 | 310 | 310 | 300 | 310 | 325 | 5 | 305 | 10 | 145 | 135 | 150 | 210 | 15 | |
| 6 | 150 | 140 | 155 | 155 | 145 | 120 | 25 | 45 | 325 | 315 | 300 | 265 | 295 | 310 | 350 | 265 | 270 | 305 | 305 | 280 | 265 | 135 | 175 | 155 | 15 | |
| 7 | 205 | 155 | 160 | 330 | 145 | 130 | 105 | 25 | [AT] | 315 | 310 | 180 | 135 | 140 | 160 | 125 | 145 | 150 | 155 | 150 | 140 | 150 | 140 | 140 | [VA] | |
| 8 | 150 | 140 | 260 | 200 | 125 | 105 | 20 | 65 | 320 | 325 | 320 | 305 | 320 | 315 | 145 | 170 | 275 | 310 | 255 | 140 | 155 | 155 | 155 | 160 | 8 | |
| 9 | 35 | 145 | 155 | 155 | 150 | 155 | 140 | 155 | 225 | 290 | 310 | 305 | 300 | 40 | 150 | 160 | 0 | 125 | 130 | 155 | 155 | 145 | 20 | 165 | [VA] | |
| 10 | 145 | 150 | 160 | 235 | 135 | 175 | 145 | 125 | 350 | 320 | 320 | 310 | 310 | 300 | 265 | 150 | 140 | 250 | 315 | 50 | 120 | 130 | 140 | 140 | 7 | |
| 11 | 220 | 175 | 135 | 140 | 140 | 135 | 135 | 0 | 315 | 325 | 315 | 0 | 290 | 260 | 300 | 220 | 230 | 230 | 295 | 230 | 185 | 155 | 135 | 135 | 7 | |
| 12 | 155 | 170 | 175 | 190 | 160 | 45 | 145 | 155 | 250 | 295 | 195 | 270 | 300 | 10 | 145 | 155 | 145 | 155 | 185 | 315 | 330 | 90 | 150 | 125 | 8 | |
| 13 | 100 | 145 | 150 | 125 | 120 | 130 | 355 | 315 | 290 | 300 | 325 | 300 | 305 | 290 | 285 | 295 | 330 | 265 | 295 | 15 | 80 | 155 | 290 | 140 | 14 | |
| 14 | 180 | 125 | 120 | 110 | 150 | 110 | 0 | 310 | 315 | 300 | 305 | 325 | 295 | 295 | 300 | 270 | 295 | 310 | 305 | 290 | 265 | 165 | 215 | 355 | 14 | |
| 15 | 115 | 120 | 120 | 125 | 130 | 125 | 120 | 345 | 345 | 45 | 295 | 325 | 55 | 90 | 80 | 265 | 20 | 5 | 65 | 100 | 135 | 140 | 120 | 120 | 6 | |
| 16 | 130 | 285 | 155 | 130 | 140 | 130 | 120 | 120 | 345 | 0 | 320 | 320 | 285 | 315 | 285 | 295 | 310 | 330 | 45 | 30 | 90 | 165 | 215 | 195 | 15 | |
| 17 | 140 | 155 | 345 | 120 | 185 | 150 | 110 | 145 | 240 | 315 | 295 | 315 | 330 | 240 | 170 | 295 | 320 | 305 | 290 | 195 | 190 | 155 | 95 | 145 | 15 | |
| 18 | 285 | 145 | 205 | 310 | 100 | 20 | 125 | 130 | 100 | 10 | 305 | 310 | 300 | 300 | 305 | 300 | 295 | 295 | 185 | 140 | 130 | 150 | 145 | 185 | 14 | |
| 19 | 210 | 185 | 225 | 300 | 60 | 130 | 0 | 220 | 75 | 295 | 320 | 320 | 325 | 305 | 175 | 145 | 130 | 135 | 160 | 160 | 145 | 265 | 50 | 130 | 7 | |
| 20 | 150 | 145 | 35 | 265 | 150 | 185 | 135 | 210 | 225 | 310 | 250 | 305 | 315 | 160 | 80 | 290 | 305 | 85 | 165 | 160 | 150 | 150 | 140 | 140 | 8 | |
| 21 | 135 | 135 | 125 | 130 | 130 | 125 | 130 | 280 | 320 | 305 | 300 | 280 | 300 | 270 | 270 | 285 | 325 | 315 | 320 | 320 | 310 | 355 | 125 | 115 | 15 | |
| 22 | 115 | 140 | 120 | 115 | 115 | 110 | 120 | 90 | 290 | 305 | 310 | 310 | 310 | 265 | 285 | 315 | 75 | 335 | 325 | 315 | 300 | 215 | 125 | 95 | [VA] | |
| 23 | 115 | 145 | 130 | 130 | 120 | 120 | 105 | 120 | 310 | 310 | 300 | 310 | 325 | 25 | 30 | 15 | 20 | 335 | 70 | 100 | 145 | 150 | 145 | 115 | [VA] | |
| 24 | 170 | 345 | 95 | 150 | 130 | 125 | 125 | 140 | 40 | 60 | 250 | 315 | 320 | 280 | 275 | 190 | 155 | 145 | 155 | 165 | 155 | 210 | 200 | 180 | 8 | |
| 25 | 180 | 155 | 170 | 165 | 160 | 135 | 155 | 185 | 235 | 295 | 290 | 150 | 145 | 165 | 115 | 195 | 275 | 345 | 140 | 60 | 135 | 210 | 200 | 145 | 8 | |
| 26 | 215 | 105 | 150 | 125 | 145 | 140 | 320 | 120 | 75 | 330 | 300 | 345 | 310 | 300 | 195 | 130 | 135 | 120 | 130 | 145 | 140 | 140 | 165 | 155 | 7 | |
| 27 | 145 | 145 | 150 | 140 | 145 | 125 | 35 | 305 | 300 | 265 | 315 | 280 | 295 | 5 | 265 | 295 | 305 | 310 | 300 | 280 | 60 | 115 | 145 | 140 | 7 | |
| 28 | 125 | 135 | 130 | 120 | 130 | 130 | 115 | 120 | 170 | 345 | 220 | 170 | 300 | 300 | 315 | 310 | 305 | 320 | 310 | 290 | 220 | 140 | 145 | 125 | 7 | |
| 29 | 130 | 125 | 115 | 115 | 125 | 115 | 130 | 90 | 325 | 315 | 315 | 320 | 350 | 125 | 190 | 300 | 320 | 330 | 60 | 80 | 85 | 105 | 110 | 90 | 7 | |
| 30 | 325 | 60 | 145 | 335 | 170 | 310 | 215 | 280 | 335 | 300 | 310 | 320 | 295 | 300 | 310 | 305 | 315 | 310 | 295 | 240 | 110 | 90 | 100 | 135 | 15 | |
| 31 | 120 | 245 | 265 | 275 | 150 | 125 | 140 | 80 | 315 | 310 | 300 | 295 | 300 | 305 | 305 | 320 | 305 | 275 | 255 | 185 | 240 | 20 | 85 | 115 | 14 | |
| PV | 7 | [VA] | 7 | 7 | 7 | 7 | 7 | 7 | 15 | 15 | [VA] | 15 | [VA] | 14 | 14 | 14 | 15 | 16 | [VA] | 8 | [VA] | 7 | 7 | 7 | 7 | |

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 11

MAY,1976

AEROVIRONMENT INC.

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**********************
*                    *
*  PRELIMINARY DATA  *
*  AS OF 19/SEP/76   *
*                    *
**********************
*                    *
*    SUBJECT TO      *
*     REVISION       *
*                    *
**********************
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CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5 | 4 | 2 | 0 | 1 | 1 | 2 | 4 | 7 | 10 | 14 | 16 | 17 | 18 | 19 | 18 | 19 | 20 | 20 | 16 | 13 | 13 | 13 | 13 | 11 | 20 |
| 2 | 11 | 8 | 6 | 6 | 5 | 5 | 7 | 10 | 14 | 17 | 19 | 20 | 20 | 22 | 23 | 25 | 24 | 23 | 22 | 19 | 16 | 15 | 14 | 12 | 15 | 25 |
| 3 | 14 | 13 | 8 | 6 | 6 | 8 | 10 | 12 | 14 | 17 | 21 | 23 | 25 | 27 | 30 | 25 | 23 | 23 | 23 | 22 | 20 | 18 | 17 | 17 | 18 | 30 |
| 4 | 18 | 18 | 18 | 17 | 15 | 15 | 16 | 18 | 20 | 23 | 23 | 24 | 24 | 24 | 24 | 25 | 22 | 21 | 20 | 18 | 17 | 14 | 13 | 14 | 19 | 25 |
| 5 | 12 | 11 | 11 | 10 | 9 | 9 | 11 | 12 | 15 | 20 | 22 | 23 | 22 | 22 | 21 | 21 | 22 | 20 | 18 | 17 | 16 | 15 | 14 | 13 | 16 | 23 |
| 6 | 11 | 8 | 7 | 9 | 10 | 10 | 10 | 9 | 12 | 14 | 12 | [MT] | 9 | 11 | 10 | 13 | 14 | 14 | 13 | 8 | 8 | 8 | 8 | 9 | 10 | 14 |
| 7 | 8 | 9 | 7 | 5 | 5 | 7 | 10 | 11 | 13 | 14 | 15 | 16 | 13 | 17 | 18 | 16 | 17 | 18 | 15 | 12 | 11 | 10 | 10 | 10 | 12 | 18 |
| 8 | 7 | 7 | 6 | 5 | 6 | 6 | 7 | 6 | 7 | 8 | 9 | 10 | 14 | 14 | 13 | 10 | 9 | 9 | 10 | 10 | 9 | 9 | 9 | 8 | 9 | 14 |
| 9 | 9 | 9 | 8 | 7 | 6 | 7 | 10 | 14 | 15 | 14 | 15 | 16 | 17 | 17 | 19 | 19 | 18 | 16 | 13 | 11 | 10 | 10 | 10 | 9 | 12 | 19 |
| 10 | 10 | 8 | 8 | 8 | 8 | 9 | 11 | 11 | 12 | 14 | 16 | 19 | 20 | 20 | 23 | 25 | 22 | 20 | 20 | 18 | 16 | 12 | 13 | 13 | 15 | 25 |
| 11 | 12 | 11 | 11 | 11 | 11 | 12 | 13 | 15 | 17 | 17 | 19 | 19 | 19 | 21 | 20 | 19 | 20 | 19 | 18 | 16 | 14 | 10 | 9 | 10 | 15 | 21 |
| 12 | 9 | 6 | 5 | 4 | 4 | 6 | 8 | 11 | 13 | 13 | 13 | 13 | 14 | 17 | 19 | 20 | 19 | 19 | 19 | 19 | 16 | 11 | 8 | 8 | 12 | 20 |
| 13 | 8 | 5 | 5 | 6 | 6 | 6 | 9 | 13 | 18 | 19 | 20 | 21 | 24 | 24 | 25 | 26 | 25 | 25 | 22 | 19 | 17 | 14 | 13 | 12 | 15 | 26 |
| 14 | 11 | 11 | 11 | 9 | 8 | 8 | 12 | 15 | 17 | 19 | 24 | 26 | 28 | 29 | 32 | 31 | 31 | 30 | 29 | 24 | 20 | 23 | 24 | 24 | 21 | 32 |
| 15 | 21 | 20 | 17 | 12 | 10 | 9 | 10 | 9 | 12 | 14 | 15 | 16 | 16 | 16 | 17 | 15 | 12 | 11 | 11 | 9 | 8 | 8 | 7 | 7 | 13 | 21 |
| 16 | 8 | 6 | 5 | 3 | 2 | 3 | 5 | 8 | 10 | 13 | 15 | 15 | 16 | 18 | 16 | 18 | 19 | 20 | 20 | 18 | 14 | 12 | 10 | 6 | 12 | 20 |
| 17 | 7 | 7 | 6 | 6 | 6 | 6 | 10 | 13 | 14 | 18 | 21 | 23 | 24 | 25 | 27 | 27 | 28 | 27 | 26 | 22 | 20 | 19 | 17 | 18 | 17 | 28 |
| 18 | 18 | 17 | 12 | 12 | 14 | 14 | 17 | 19 | 19 | 21 | 24 | 26 | 29 | 29 | 28 | 29 | 27 | 25 | 25 | 24 | 23 | 21 | 20 | 19 | 21 | 29 |
| 19 | 17 | 18 | 19 | 18 | 18 | 18 | 20 | 20 | 20 | 22 | 22 | 22 | 22 | 19 | 18 | 19 | 19 | 19 | 20 | 19 | 18 | 17 | 17 | 17 | 19 | 22 |
| 20 | 16 | 15 | 13 | 11 | 12 | 12 | 13 | 14 | 16 | 18 | 19 | 16 | 16 | 18 | 18 | 20 | 20 | 19 | 18 | 17 | 14 | 13 | 13 | 12 | 16 | 20 |
| 21 | 11 | 13 | 11 | 12 | 12 | 12 | 14 | 17 | 16 | 15 | 14 | 11 | 12 | 12 | 13 | 13 | 12 | 11 | 12 | 12 | 12 | 11 | 9 | 8 | 12 | 17 |
| 22 | 9 | 10 | 8 | 8 | 8 | 9 | 9 | 11 | 13 | 14 | 15 | 15 | 12 | 12 | 13 | 13 | 10 | 8 | 9 | 9 | 10 | 9 | 6 | 5 | 10 | 15 |
| 23 | 8 | 7 | 8 | 8 | 6 | 7 | 9 | 11 | 12 | 14 | 15 | 17 | 19 | 22 | 21 | 22 | 23 | 21 | 19 | 17 | 15 | 13 | 14 | 15 | 14 | 23 |
| 24 | 11 | 10 | 9 | 9 | 8 | 9 | 9 | 11 | 13 | 15 | 16 | 16 | 19 | 21 | 21 | 17 | 13 | 12 | 12 | 12 | 12 | 11 | 11 | 11 | 13 | 21 |
| 25 | 9 | 8 | 6 | 7 | 7 | 6 | 8 | 13 | 15 | 17 | 20 | 20 | 18 | 18 | 16 | 17 | 20 | 19 | 19 | 16 | 13 | 13 | 11 | 9 | 14 | 20 |
| 26 | 9 | 7 | 7 | 5 | 7 | 10 | 13 | 14 | 16 | 19 | 21 | 22 | 20 | 21 | 22 | 23 | 23 | 23 | 23 | 20 | 18 | 15 | 12 | 12 | 16 | 23 |
| 27 | 11 | 9 | 7 | 8 | 8 | 10 | 12 | 16 | 16 | 19 | 22 | 24 | 23 | 25 | 26 | 26 | 27 | 27 | 29 | 24 | 20 | 18 | 19 | 20 | 19 | 29 |
| 28 | 19 | 18 | 16 | 14 | 14 | 16 | 17 | 19 | 23 | 24 | 25 | 26 | 26 | 29 | 30 | 30 | 29 | 28 | 28 | 25 | 25 | 22 | 20 | 20 | 23 | 30 |
| 29 | 19 | 17 | 15 | 15 | 13 | 13 | 15 | 21 | 22 | 22 | 25 | 27 | 24 | 24 | 25 | 19 | 19 | 20 | 20 | 20 | 20 | 16 | 14 | 14 | 19 | 27 |
| 30 | 13 | 8 | 6 | 8 | 8 | 7 | 11 | 15 | 16 | 17 | 18 | 20 | 20 | 21 | 20 | 19 | 15 | 13 | 12 | 12 | 12 | 12 | 11 | 11 | 14 | 21 |
| 31 | 11 | 11 | 7 | 7 | 7 | 8 | 12 | 15 | 17 | 21 | 24 | 26 | 25 | 25 | 25 | 27 | 28 | 26 | 24 | 21 | 19 | 20 | 18 | 15 | 13 | 28 |
| AV | 12 | 11 | 9 | 9 | 8 | 9 | 11 | 13 | 15 | 17 | 18 | 20 | 20 | 21 | 21 | 21 | 20 | 20 | 19 | 17 | 15 | 14 | 13 | 13 | 15 | [ ] |
| SD | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 5 | 5 | 4 | 4 | 4 | 4 | 3 | [ ] |

OUTPT (VERSION N 28 JUL 76)

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 11

JUNE,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 14 | 14 | 14 | 9 | 10 | 12 | 17 | 20 | 21 | 22 | 26 | 30 | 29 | 28 | 30 | 30 | 30 | 29 | 28 | 25 | 22 | 20 | 19 | 19 | 22 | 30 |
| 2 | 17 | 15 | 14 | 14 | 14 | 14 | 17 | 20 | 23 | 25 | 29 | 30 | 29 | 31 | 30 | 31 | 29 | 29 | 29 | 26 | 24 | 22 | 21 | 21 | 23 | 31 |
| 3 | 20 | 20 | 20 | 19 | 18 | 18 | 20 | 23 | 26 | 27 | 28 | 28 | 27 | 28 | 28 | 28 | 30 | 31 | 30 | 29 | 24 | 22 | 20 | 20 | 24 | 31 |
| 4 | 19 | 18 | 16 | 13 | 14 | 16 | 19 | 21 | 22 | 27 | 29 | 29 | 28 | 29 | 30 | 30 | 30 | 29 | 28 | 27 | 24 | 22 | 20 | 20 | 23 | 30 |
| 5 | 19 | 18 | 15 | 12 | 12 | 14 | 18 | 22 | 26 | 30 | 31 | 31 | 30 | 31 | 31 | 31 | 33 | 32 | 32 | 29 | 26 | 25 | 22 | 22 | 25 | 33 |
| 6 | 20 | 20 | 20 | 18 | 18 | 19 | 21 | 22 | 27 | 30 | 30 | 30 | 30 | 30 | 31 | 31 | 30 | 30 | 27 | 25 | 24 | 23 | 22 | 21 | 25 | 31 |
| 7 | 21 | 20 | 20 | 19 | 18 | 18 | 20 | 23 | 26 | 29 | 30 | 32 | 28 | 30 | 31 | 30 | 30 | 29 | 28 | 27 | 24 | 23 | 22 | 22 | 25 | 32 |
| 8 | 21 | 20 | 20 | 19 | 18 | 18 | 21 | 23 | 28 | 30 | 31 | 31 | 31 | 30 | 30 | 32 | 35 | 31 | 31 | 30 | 28 | 27 | 26 | 24 | 26 | 33 |
| 9 | 22 | 20 | 20 | 20 | 19 | 18 | 20 | 23 | 24 | 26 | 29 | 31 | 30 | 31 | 32 | 32 | 31 | 31 | 30 | 29 | 26 | 25 | 22 | 22 | 26 | 32 |
| 10 | 21 | 20 | 19 | 19 | 19 | 20 | 22 | 26 | 27 | 27 | 28 | 29 | 29 | 30 | 30 | 31 | 30 | 30 | 28 | 27 | 21 | 19 | 17 | 15 | 24 | 31 |
| 11 | 14 | 14 | 13 | 13 | 13 | 14 | 14 | 15 | 17 | 19 | 19 | 20 | 19 | 19 | 20 | 21 | 20 | 15 | 15 | 14 | 11 | 12 | 11 | 11 | 16 | 21 |
| 12 | 11 | 11 | 11 | 10 | 8 | 9 | 11 | 14 | 16 | 17 | 18 | 20 | 20 | 22 | 22 | 22 | 23 | 22 | 22 | 21 | 20 | 19 | 19 | 18 | 17 | 23 |
| 13 | 17 | 16 | 16 | 16 | 16 | 14 | 16 | 17 | 19 | 20 | 20 | 20 | 19 | 19 | 20 | 19 | 16 | 14 | 8 | 7 | 5 | 4 | 3 | 3 | 14 | 20 |
| 14 | 1 | 1 | 1 | 1 | 1 | 2 | 4 | 6 | 8 | 10 | 12 | 13 | 15 | 16 | 17 | 18 | 19 | 19 | 18 | 16 | 13 | 12 | 11 | 9 | 10 | 19 |
| 15 | 7 | 7 | 7 | 6 | 5 | 6 | 8 | 10 | 12 | 16 | 18 | 20 | 21 | 22 | 23 | 24 | 25 | 25 | 26 | 23 | 21 | 20 | 20 | 19 | 16 | 26 |
| 16 | 20 | 20 | 20 | 18 | 18 | 17 | 18 | 21 | 22 | 22 | 21 | 23 | 23 | 23 | 24 | 24 | 22 | 21 | 21 | 21 | 19 | 14 | 12 | 12 | 20 | 24 |
| 17 | 11 | 11 | 11 | 10 | 10 | 10 | 12 | 14 | 14 | 16 | 19 | 21 | 19 | 19 | 22 | 19 | 16 | 16 | 16 | 15 | 14 | 13 | 12 | 11 | 15 | 22 |
| 18 | 8 | 8 | 8 | 7 | 6 | 7 | 9 | 11 | 14 | 16 | 19 | 20 | 21 | 22 | 24 | 25 | 25 | 25 | 25 | 22 | 20 | 18 | 17 | 17 | 16 | 25 |
| 19 | 14 | 12 | 11 | 10 | 10 | 10 | 12 | 15 | 17 | 20 | 22 | 25 | 26 | 28 | 29 | 30 | 31 | 32 | 33 | 30 | 26 | 25 | 24 | 23 | 21 | 33 |
| 20 | 21 | 19 | 19 | 17 | 16 | 16 | 17 | 22 | 24 | 28 | 33 | 35 | 36 | 36 | 37 | 37 | 37 | 36 | 35 | 33 | 31 | 31 | 29 | 27 | 28 | 37 |
| 21 | 26 | 26 | 23 | 22 | 22 | 21 | 22 | 25 | 26 | 29 | 32 | 34 | 34 | 35 | 35 | 36 | 36 | 35 | 34 | 33 | 31 | 30 | 29 | 28 | 29 | 36 |
| 22 | 25 | 25 | 25 | 24 | 20 | 16 | 15 | 15 | 14 | 18 | 17 | 12 | 13 | 17 | 19 | 20 | 20 | 14 | 14 | 14 | 13 | 13 | 13 | 12 | 17 | 25 |
| 23 | 13 | 12 | 13 | 12 | 11 | 11 | 13 | 14 | 16 | 18 | 19 | 21 | 21 | 22 | 23 | 23 | 23 | 22 | 20 | 19 | 18 | 16 | 16 | 14 | 17 | 23 |
| 24 | 12 | 10 | 9 | 8 | 8 | 8 | 11 | 14 | 15 | 17 | 19 | 21 | 22 | 23 | 24 | 26 | 26 | 26 | 24 | 24 | 22 | 21 | 20 | 18 | 16 | 26 |
| 25 | 14 | 14 | 14 | 13 | 12 | 13 | 15 | 19 | 20 | 24 | 26 | 28 | 28 | 28 | 30 | 29 | 29 | 30 | 30 | 29 | 28 | 26 | 25 | 24 | 23 | 30 |
| 26 | 22 | 21 | 19 | 20 | 19 | 18 | 19 | 20 | 21 | 22 | 24 | 25 | 25 | 27 | 28 | 29 | 29 | 30 | 30 | 29 | 26 | 25 | 23 | 20 | 24 | 30 |
| 27 | 19 | 19 | 16 | 14 | 14 | 14 | 16 | 19 | 20 | 24 | 26 | 29 | 31 | 33 | 35 | 36 | 36 | 35 | 35 | 34 | 31 | 29 | 25 | 23 | 26 | 36 |
| 28 | 22 | 21 | 20 | 18 | 16 | 17 | 18 | 20 | 22 | 27 | 30 | 32 | 33 | 34 | 35 | 36 | 36 | 36 | 35 | 32 | 30 | 27 | 25 | 24 | 27 | 36 |
| 29 | 22 | 20 | 19 | 18 | 16 | 16 | 18 | 22 | 26 | 27 | 31 | 33 | 35 | 36 | 36 | 37 | 37 | 37 | 35 | 33 | 31 | 30 | 29 | 28 | 28 | 37 |
| 30 | 26 | 25 | 25 | 25 | 25 | 24 | 26 | 28 | 31 | 31 | 33 | 34 | 34 | 33 | 34 | 33 | 29 | 26 | 25 | 24 | 24 | 24 | 25 | 25 | 28 | 34 |
| 31 | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] |
| AV | 17 | 17 | 16 | 15 | 14 | 14 | 16 | 19 | 21 | 23 | 25 | 26 | 26 | 27 | 28 | 28 | 28 | 27 | 26 | 25 | 23 | 21 | 20 | 19 | 22 | [ ] |
| SD | 6 | 6 | 5 | 6 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 5 | 6 | 6 | 7 | 7 | 7 | 6 | 6 | 6 | 6 | 5 | [ ] |

OUTPT [VERSION N 28 JUL 76]

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 11

JULY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 24 | 24 | 23 | 21 | 21 | 21 | 22 | 24 | 27 | 29 | 30 | 28 | 30 | 31 | 31 | 33 | 34 | 33 | 32 | 30 | 28 | 25 | 25 | 24 | 27 | 34 |
| 2 | 22 | 22 | 23 | 22 | 20 | 19 | 19 | 21 | 22 | 24 | 26 | 29 | 31 | 32 | 34 | 35 | 34 | 34 | 33 | 32 | 30 | 29 | 27 | 26 | 27 | 35 |
| 3 | 22 | 21 | 20 | 18 | 16 | 17 | 19 | 20 | 23 | 25 | 28 | 30 | 32 | 33 | 33 | 33 | 35 | 35 | 35 | 33 | 29 | 27 | 26 | 25 | 26 | 35 |
| 4 | 22 | 20 | 19 | 19 | 18 | 17 | 19 | 23 | 25 | 28 | 30 | 33 | 35 | 35 | 36 | 37 | 38 | 37 | 36 | 34 | 29 | 27 | 26 | 24 | 28 | 38 |
| 5 | 23 | 22 | 21 | 21 | 18 | 18 | 20 | 23 | 25 | 29 | 31 | 34 | 35 | 36 | 37 | 38 | 37 | 38 | 38 | 36 | 32 | 31 | 29 | 28 | 29 | 38 |
| 6 | 26 | 25 | 24 | 23 | 22 | 21 | 22 | 24 | 27 | 29 | 33 | 36 | 35 | 37 | 38 | 39 | 37 | 36 | 35 | 34 | 32 | 29 | 29 | 27 | 30 | 39 |
| 7 | 26 | 26 | 25 | 25 | 24 | 24 | 25 | 30 | [MT] | 32 | 34 | 34 | 35 | 36 | 33 | 34 | 35 | 33 | 32 | 31 | 31 | 29 | 28 | 27 | 30 | 36 |
| 8 | 27 | 25 | 25 | 25 | 23 | 23 | 24 | 27 | 28 | 31 | 32 | 34 | 36 | 37 | 38 | 37 | 38 | 38 | 37 | 35 | 32 | 30 | 29 | 29 | 31 | 38 |
| 9 | 29 | 28 | 28 | 27 | 27 | 27 | 28 | 31 | 34 | 35 | 35 | 36 | 38 | 38 | 38 | 40 | 40 | 39 | 38 | 37 | 34 | 32 | 31 | 30 | 33 | 40 |
| 10 | 29 | 29 | 27 | 27 | 25 | 24 | 25 | 28 | 30 | 32 | 34 | 36 | 39 | 40 | 40 | 38 | 37 | 36 | 36 | 34 | 33 | 30 | 28 | 27 | 32 | 40 |
| 11 | 26 | 25 | 23 | 22 | 21 | 22 | 22 | 25 | 28 | 30 | 32 | 35 | 37 | 38 | 37 | 36 | 36 | 36 | 33 | 32 | 30 | 29 | 27 | 26 | 30 | 38 |
| 12 | 26 | 27 | 28 | 27 | 26 | 25 | 26 | 29 | 31 | 31 | 33 | 35 | 31 | 31 | 28 | 27 | 27 | 29 | 29 | 28 | 27 | 25 | 24 | 24 | 28 | 35 |
| 13 | 24 | 23 | 22 | 20 | 18 | 18 | 20 | 21 | 23 | 26 | 28 | 29 | 31 | 32 | 33 | 33 | 33 | 34 | 33 | 32 | 30 | 27 | 27 | 26 | 27 | 34 |
| 14 | 23 | 22 | 20 | 19 | 18 | 18 | 20 | 21 | 24 | 27 | 31 | 33 | 34 | 34 | 31 | 31 | 33 | 32 | 31 | 30 | 29 | 26 | 24 | 23 | 26 | 34 |
| 15 | 21 | 19 | 19 | 19 | 18 | 18 | 19 | 22 | 25 | 28 | 31 | 32 | 30 | 35 | 36 | 36 | 37 | 35 | 36 | 34 | 30 | 29 | 25 | 24 | 27 | 37 |
| 16 | 24 | 23 | 20 | 19 | 18 | 18 | 18 | 21 | 24 | 29 | 31 | 33 | 36 | 37 | 37 | 37 | 38 | 37 | 37 | 34 | 33 | 31 | 30 | 28 | 29 | 38 |
| 17 | 28 | 28 | 27 | 25 | 24 | 24 | 25 | 28 | 31 | 31 | 33 | 33 | 33 | 34 | 36 | 35 | 30 | 29 | 24 | 20 | 19 | 19 | 17 | 17 | 27 | 36 |
| 18 | 19 | 18 | 16 | 16 | 17 | 17 | 18 | 19 | 22 | 24 | 23 | 22 | 23 | 24 | 24 | 24 | 23 | 22 | 23 | 22 | 20 | 20 | 20 | 19 | 21 | 24 |
| 19 | 20 | 20 | 20 | 19 | 18 | 18 | 19 | 20 | 23 | 24 | 25 | 26 | 28 | 29 | 28 | 28 | 29 | 29 | 25 | 22 | 20 | 21 | 18 | 17 | 23 | 29 |
| 20 | 18 | 17 | 16 | 16 | 15 | 14 | 16 | 18 | 22 | 22 | 25 | 27 | 29 | 32 | 31 | 26 | 24 | 24 | 26 | 24 | 23 | 21 | 20 | 19 | 22 | 32 |
| 21 | 19 | 18 | 17 | 16 | 15 | 15 | 17 | 19 | 21 | 24 | 26 | 29 | 32 | 34 | 34 | 34 | 33 | 32 | 32 | 31 | 29 | 27 | 25 | 22 | 25 | 34 |
| 22 | 20 | 19 | 18 | 18 | 17 | 16 | 18 | 22 | 24 | 26 | 29 | 31 | 34 | 35 | 36 | 35 | 35 | 34 | 34 | 33 | 31 | 29 | 25 | 24 | 27 | 36 |
| 23 | 23 | 21 | 20 | 20 | 19 | 18 | 20 | 24 | 25 | 27 | 30 | 32 | 35 | 36 | 37 | 38 | 37 | 37 | 37 | 34 | 31 | 29 | 27 | 27 | 29 | 38 |
| 24 | 27 | 26 | 24 | 24 | 22 | 21 | 22 | 26 | 29 | 30 | 32 | 33 | 34 | 35 | 35 | 36 | 35 | 34 | 34 | 32 | 30 | 29 | 29 | 28 | 29 | 36 |
| 25 | 28 | 25 | 25 | 25 | 24 | 23 | 24 | 27 | 29 | 29 | 30 | 33 | 31 | 30 | 28 | 23 | 20 | 20 | 20 | 20 | 19 | 20 | 19 | 19 | 25 | 33 |
| 26 | 19 | 19 | 18 | 18 | 18 | 17 | 18 | 18 | 20 | 21 | 24 | 27 | 27 | 29 | 30 | 29 | 29 | 29 | 30 | 28 | 25 | 23 | 24 | 24 | 24 | 30 |
| 27 | 23 | 21 | 20 | 20 | 18 | 18 | 20 | 21 | 25 | 28 | 30 | 32 | 33 | 34 | 34 | 34 | 34 | 33 | 31 | 30 | 29 | 25 | 24 | 24 | 27 | 34 |
| 28 | 22 | 21 | 20 | 19 | 19 | 19 | 19 | 22 | 26 | 29 | 33 | 35 | 35 | 35 | 33 | 34 | 34 | 33 | 33 | 31 | 29 | 27 | 26 | 25 | 27 | 35 |
| 29 | 24 | 24 | 22 | 21 | 21 | 20 | 22 | 25 | 27 | 30 | 31 | 33 | 34 | 31 | 33 | 33 | 33 | 33 | 33 | 31 | 29 | 29 | 28 | 27 | 28 | 34 |
| 30 | 26 | 26 | 25 | 24 | 22 | 22 | 23 | 24 | 25 | 26 | 28 | 30 | 33 | 34 | 34 | 34 | 34 | 33 | 31 | 28 | 27 | 25 | 23 | 22 | 27 | 34 |
| 31 | 21 | 21 | 20 | 19 | 18 | 17 | 18 | 21 | 22 | 23 | 24 | 26 | 30 | 31 | 32 | 32 | 32 | 28 | 26 | 27 | 22 | 20 | 19 | 18 | 24 | 32 |
| AV | 24 | 23 | 22 | 21 | 20 | 20 | 21 | 23 | 26 | 28 | 30 | 31 | 33 | 34 | 34 | 34 | 33 | 33 | 32 | 30 | 28 | 26 | 25 | 24 | 27 | [ ] |
| 60 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 3 | [ ] |

OUTPT [VERSION N 28 JUL 76]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 13

MAY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | | | | | | | | | | | 3.5 | 5.5 | 9.5 | 7.5 | 7.5 | 9.0 | 12.5 | 12.5 | 7.5 | 3.5 | 2.5 | 2.5 | 3.5 | 6.0 | 6.5 | 12.5 |
| 23 | 4.5 | 4.0 | 4.0 | 3.5 | 3.0 | 1.5 | 2.0 | 2.0 | 3.0 | 3.0 | 3.0 | 4.0 | 4.5 | 4.5 | 4.5 | 5.0 | 4.0 | 4.0 | 5.5 | 4.5 | 5.5 | 4.0 | 5.5 | 5.0 | 4.0 | 5.5 |
| 24 | 4.0 | 5.0 | 4.0 | 5.5 | 6.0 | 2.5 | 2.5 | 2.5 | 3.0 | 4.5 | 4.0 | 3.5 | 4.0 | 5.0 | 8.0 | 9.0 | 8.0 | 9.0 | 2.5 | 4.5 | 3.5 | 2.5 | 8.0 | 7.0 | 5.0 | 9.0 |
| 25 | 3.5 | 5.0 | 3.5 | 3.0 | 2.0 | 2.5 | 2.0 | 3.0 | 2.0 | 3.5 | 4.0 | 5.5 | 12.0 | 12.5 | 13.0 | 11.5 | 5.0 | 5.0 | 5.5 | 6.5 | 7.0 | 7.5 | 4.0 | 3.0 | 5.5 | 13.0 |
| 26 | 6.5 | 3.5 | 7.0 | 2.5 | 2.5 | 2.0 | 2.5 | 2.5 | 4.5 | 3.5 | 4.5 | 5.0 | 6.0 | 5.5 | 6.5 | 5.0 | 5.5 | 4.5 | 3.0 | 2.5 | 2.5 | 6.5 | 7.0 | 8.0 | 4.5 | 8.0 |
| 27 | 5.0 | 2.5 | 4.0 | 2.5 | 2.5 | 1.0 | 2.5 | 3.0 | 3.5 | 4.0 | 5.5 | 4.0 | 7.5 | 8.5 | 7.0 | 9.0 | 7.5 | 6.5 | 4.0 | 2.5 | 7.0 | 7.0 | 7.5 | 7.5 | 5.0 | 9.0 |
| 28 | 4.5 | 2.5 | 2.5 | 2.5 | 2.0 | 1.5 | 1.5 | 2.0 | 3.0 | 4.5 | 9.5 | 7.0 | 6.0 | 8.5 | 12.0 | 12.0 | 14.0 | 12.0 | 11.0 | 8.0 | 9.5 | 8.5 | 4.5 | 3.0 | 6.5 | 14.0 |
| 29 | 6.0 | 4.5 | 2.0 | 2.5 | 3.5 | 3.0 | 3.0 | 5.0 | 4.5 | 4.5 | 6.5 | 4.0 | 6.5 | 5.0 | 5.5 | 15.0 | 10.5 | 9.5 | 11.0 | 7.0 | 8.5 | 6.0 | 3.5 | 2.5 | 6.0 | 15.0 |
| 30 | 3.0 | 4.5 | 5.0 | 2.5 | 4.0 | 3.5 | 4.0 | 4.5 | 4.0 | 3.5 | 5.5 | 5.0 | 7.0 | 5.0 | 5.0 | 4.5 | 11.0 | 10.5 | 10.5 | 11.5 | 11.0 | 9.5 | 4.0 | 6.0 | 6.0 | 11.5 |
| 31 | 2.5 | 2.0 | 2.0 | 3.0 | 4.0 | 2.5 | 1.5 | 2.5 | 3.0 | 4.0 | 3.0 | 4.0 | 5.5 | 6.0 | 7.0 | 9.0 | 10.0 | 9.5 | 3.5 | 2.5 | 3.5 | 9.5 | 10.5 | 7.0 | 5.0 | 10.5 |
| AV | 4.5 | 3.5 | 4.0 | 3.0 | 3.5 | 2.0 | 2.5 | 3.0 | 3.5 | 4.0 | 5.0 | 5.0 | 7.0 | 7.0 | 7.5 | 9.0 | 9.0 | 8.5 | 6.5 | 5.5 | 6.0 | 6.5 | 6.0 | 5.5 | 5.5 | |
| SD | 1.2 | 1.1 | 1.5 | .9 | 1.2 | .7 | .7 | 1.0 | .8 | .5 | 1.9 | 1.0 | 2.3 | 2.4 | 2.7 | 3.2 | 3.2 | 2.9 | 3.2 | 2.8 | 2.9 | 2.5 | 2.2 | 1.9 | .8 | |

OUTPT (VERSION N 28 JUL 76)

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 13

JUNE,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.5 | 3.0 | 4.0 | 4.5 | 2.0 | 2.0 | 4.0 | 3.0 | 3.5 | 5.0 | 5.0 | 5.5 | 6.5 | 8.5 | 10.0 | 10.5 | 12.5 | 10.5 | 9.5 | 2.5 | 4.5 | 5.0 | 4.0 | 6.5 | 5.5 | 12.5 |
| 2 | 9.0 | 4.0 | 2.5 | 2.5 | 2.0 | 2.0 | 2.0 | 3.0 | 4.5 | 4.0 | 5.0 | 9.5 | 11.0 | 10.0 | 12.0 | 12.0 | 10.5 | 9.5 | 10.5 | 8.0 | 7.0 | 4.5 | 6.0 | 5.0 | 6.5 | 12.0 |
| 3 | 7.0 | 8.0 | 3.0 | 3.0 | 2.5 | 2.5 | 3.0 | 3.0 | 4.0 | 12.5 | 14.0 | 15.5 | 15.0 | 16.5 | 13.5 | 16.5 | 13.5 | 11.5 | 13.0 | 8.0 | 5.5 | 6.5 | 8.0 | 4.0 | 8.5 | 16.5 |
| 4 | 5.5 | 6.5 | 2.0 | 2.0 | 1.0 | 1.5 | 2.0 | 2.5 | 4.0 | 4.0 | 12.0 | 14.0 | 12.5 | 11.0 | 10.5 | 12.0 | 11.0 | 13.0 | 10.0 | 7.0 | 5.5 | 6.0 | 5.5 | 7.0 | 7.0 | 14.0 |
| 5 | 4.0 | 5.0 | 5.0 | 2.0 | 2.0 | 2.0 | 1.0 | 2.5 | 3.0 | 4.5 | 6.5 | 6.0 | 10.5 | 10.0 | 10.0 | 10.5 | 10.0 | 9.5 | 9.0 | 6.0 | 4.0 | 4.0 | 7.5 | 7.5 | 6.0 | 10.5 |
| 6 | 10.0 | 9.0 | 3.0 | 2.5 | 2.0 | 2.5 | 2.5 | [NT] | 2.5 | 11.0 | 15.0 | 12.0 | 12.5 | 13.0 | 10.5 | 9.0 | 8.5 | 10.5 | 15.0 | 14.0 | 14.5 | 10.0 | 15.0 | 9.0 | 9.5 | 15.0 |
| 7 | 3.5 | 2.5 | 2.0 | 2.5 | 3.5 | 2.0 | 1.5 | 3.0 | 6.0 | 8.0 | 8.0 | 8.5 | 9.0 | 7.5 | 9.5 | 11.5 | 11.0 | 11.0 | 9.0 | 7.5 | 8.0 | 9.5 | 8.5 | 8.0 | 6.5 | 11.5 |
| 8 | 4.0 | 2.5 | 2.5 | 2.5 | 2.0 | 2.5 | 2.5 | 3.5 | 9.0 | 10.0 | 11.5 | 13.5 | 14.0 | 14.5 | 11.0 | 9.0 | 12.5 | 10.0 | 11.0 | 8.5 | 5.5 | 6.0 | 4.0 | 2.5 | 7.5 | 14.5 |
| 9 | 3.0 | 9.0 | 2.5 | 3.0 | 2.0 | 2.5 | 2.5 | 4.0 | 4.0 | 5.5 | 9.0 | 13.5 | 14.5 | 15.5 | 13.5 | 13.5 | 14.0 | 16.0 | 14.0 | 8.5 | 4.5 | 5.5 | 8.0 | 5.5 | 8.0 | 16.0 |
| 10 | 4.0 | 3.0 | 3.5 | 12.0 | 3.0 | 6.0 | 7.5 | 12.0 | 13.0 | 13.0 | 13.5 | 13.5 | 14.0 | 20.0 | 19.0 | 21.0 | 21.5 | 18.0 | 16.0 | 14.5 | 11.0 | 9.0 | 7.0 | 2.5 | 11.5 | 21.5 |
| 11 | 4.0 | 3.5 | 5.0 | 3.5 | 6.0 | 4.5 | 8.5 | 8.0 | 13.0 | 15.5 | 15.0 | 14.5 | 14.0 | 12.0 | 13.5 | 15.0 | 15.0 | 15.0 | 11.5 | 15.0 | 5.5 | 8.5 | 5.5 | 6.5 | 10.0 | 15.5 |
| 12 | 6.0 | 4.5 | 4.5 | 2.5 | 5.0 | 5.0 | 3.5 | 3.0 | 8.0 | 9.5 | 10.0 | 11.5 | 11.0 | 12.0 | 12.5 | 10.5 | 10.0 | 9.0 | 11.0 | 9.5 | 7.5 | 3.5 | 4.0 | 3.5 | 7.5 | 12.5 |
| 13 | 6.0 | 8.0 | 6.5 | 4.5 | 4.0 | 8.0 | 7.0 | 6.5 | 4.5 | 5.0 | 8.5 | 10.5 | 9.0 | 6.5 | 6.0 | 6.5 | 12.0 | 16.0 | 6.5 | 6.0 | 4.5 | 4.5 | 7.0 | 7.0 | 7.0 | 16.0 |
| 14 | 7.0 | 7.0 | 3.5 | 4.5 | 5.0 | 4.5 | 6.0 | 7.0 | 8.0 | 8.5 | 8.0 | 9.0 | 6.5 | 7.0 | 6.0 | 5.5 | 5.5 | 6.0 | 9.0 | 11.5 | 5.0 | 2.5 | 1.5 | 4.5 | 6.0 | 11.5 |
| 15 | 4.5 | 6.5 | 2.5 | 2.0 | 1.5 | 2.5 | 3.0 | 2.5 | 4.0 | 3.5 | 4.0 | 5.0 | 6.0 | 6.0 | 6.5 | 6.0 | 5.0 | 4.5 | 3.0 | 10.5 | 10.5 | 10.0 | 10.0 | 4.5 | 5.0 | 10.5 |
| 16 | 6.5 | 4.5 | 2.5 | 2.0 | 2.0 | 2.5 | 4.0 | 6.0 | 3.5 | 7.5 | 4.5 | 4.0 | 5.5 | 10.5 | 9.0 | 10.0 | 15.5 | 13.5 | 9.5 | 12.0 | 14.0 | 8.5 | 16.5 | 14.5 | 8.0 | 16.5 |
| 17 | 9.5 | 5.0 | 5.5 | 4.0 | 3.0 | 2.5 | 2.0 | 3.5 | 3.5 | 3.0 | 4.5 | 5.5 | 7.5 | 7.5 | 7.0 | 6.0 | 7.0 | 8.0 | 10.0 | 7.0 | 3.0 | 4.5 | 5.5 | 3.0 | 5.5 | 10.0 |
| 18 | 4.0 | 4.0 | 6.5 | 2.5 | 2.5 | 2.5 | 3.0 | 2.5 | 4.0 | 4.0 | 8.0 | 9.5 | 10.5 | 9.5 | 8.0 | 6.5 | 8.0 | 6.5 | 11.0 | 11.0 | 9.5 | 6.0 | 4.5 | 3.0 | 6.0 | 11.0 |
| 19 | 2.5 | 3.5 | 3.5 | 2.0 | 2.0 | 2.5 | 2.0 | 3.0 | 3.5 | 3.5 | 4.5 | 5.0 | 5.5 | 5.5 | 6.5 | 5.5 | 5.0 | 3.5 | 3.0 | 4.0 | 6.0 | 6.0 | 4.5 | 4.5 | 4.0 | 6.5 |
| 20 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.5 | 1.5 | 2.5 | 3.5 | 4.0 | 5.0 | 9.5 | 10.5 | 14.0 | 15.0 | 15.5 | 14.5 | 12.5 | 13.0 | 11.5 | 13.0 | 12.5 | 8.0 | 6.0 | 7.5 | 15.5 |
| 21 | 6.5 | 6.0 | 5.0 | 4.0 | 2.5 | 3.0 | 2.5 | 4.0 | 4.0 | 4.5 | 11.5 | 12.5 | 14.5 | 14.0 | 14.5 | 13.5 | 12.0 | 14.0 | 9.5 | 10.5 | 8.0 | 10.5 | 9.5 | 10.0 | 8.5 | 14.5 |
| 22 | 11.5 | 12.0 | 11.5 | 16.5 | 19.5 | 11.0 | 13.5 | 16.0 | 17.0 | 13.5 | 12.0 | 3.0 | 7.5 | 9.5 | 8.5 | 7.0 | 12.0 | 11.5 | 5.5 | 7.0 | 6.5 | 4.5 | 4.0 | 2.5 | 10.0 | 19.5 |
| 23 | 2.5 | 4.0 | 1.5 | 2.5 | 3.0 | 6.0 | 3.5 | 6.5 | 8.5 | 6.0 | 8.0 | 7.0 | 10.5 | 11.0 | 12.0 | 15.5 | 16.0 | 21.0 | 22.5 | 18.5 | 12.0 | 2.5 | 2.5 | 2.5 | 6.5 | 22.5 |
| 24 | 2.5 | 3.0 | 2.5 | 3.5 | 5.0 | 3.5 | 4.5 | 2.5 | 3.5 | 6.5 | 7.0 | 7.5 | 9.0 | 9.0 | 8.0 | 6.5 | 5.0 | 13.0 | 14.5 | 12.0 | 9.5 | 8.5 | 7.5 | 7.0 | 6.5 | 14.5 |
| 25 | 11.5 | 7.0 | 2.5 | 2.5 | 2.5 | 2.0 | 2.5 | 2.5 | 3.5 | 4.0 | 9.5 | 13.5 | 15.0 | 14.0 | 15.0 | 12.0 | 8.5 | 11.5 | 13.5 | 10.0 | 11.0 | 8.0 | 7.0 | 4.5 | 8.0 | 15.0 |
| 26 | 4.0 | 3.0 | 2.5 | 3.0 | 2.5 | 3.0 | 3.5 | 4.5 | 4.0 | 5.5 | 5.5 | 5.5 | 6.0 | 6.0 | 5.0 | 6.5 | 7.5 | 5.5 | 4.0 | 3.5 | 2.5 | 2.5 | 2.0 | 5.5 | 4.5 | 7.5 |
| 27 | 7.0 | 5.0 | 2.5 | 4.0 | 2.5 | 2.0 | 1.5 | 2.5 | 2.5 | 3.0 | 4.5 | 4.0 | 8.5 | 10.0 | 9.0 | 6.5 | 8.5 | 9.0 | 5.0 | 6.0 | 4.0 | 2.5 | 2.5 | 12.0 | 5.0 | 12.0 |
| 28 | 8.0 | 7.5 | 3.5 | 2.5 | 2.0 | 2.0 | 2.0 | 2.5 | 3.5 | 3.0 | 3.0 | 5.0 | 4.5 | 5.0 | 6.0 | 6.0 | 6.5 | 4.5 | 5.0 | 4.0 | 2.5 | 5.0 | 5.0 | 2.5 | 4.0 | 8.0 |
| 29 | 2.0 | 2.5 | 2.0 | 2.5 | 1.5 | 2.0 | 2.5 | 3.0 | 4.0 | 3.5 | 5.0 | 4.0 | 5.5 | 8.5 | 14.5 | 7.5 | 5.0 | 5.0 | 13.0 | 12.5 | 10.5 | 11.5 | 12.5 | 15.0 | 6.5 | 15.0 |
| 30 | 10.0 | 7.5 | 9.5 | 4.0 | 1.5 | 3.0 | 4.0 | 7.0 | 10.0 | 11.0 | 10.5 | 10.0 | 11.5 | 13.0 | 12.0 | 14.0 | 13.5 | 7.5 | 7.0 | 7.0 | 8.5 | 3.5 | 2.0 | 6.0 | 8.0 | 14.0 |
| 31 | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] |
| AV | 5.5 | 5.5 | 4.0 | 3.5 | 3.5 | 3.5 | 3.5 | 4.5 | 5.5 | 6.5 | 8.5 | 9.0 | 10.0 | 10.5 | 10.5 | 10.5 | 10.5 | 10.5 | 10.0 | 9.0 | 7.5 | 6.5 | 6.5 | 6.0 | 7.0 | [ ] |
| SD | 2.9 | 2.4 | 2.2 | 3.0 | 3.2 | 2.1 | 2.6 | 3.1 | 3.5 | 3.6 | 3.5 | 3.7 | 3.3 | 3.5 | 3.4 | 4.0 | 3.9 | 4.2 | 4.2 | 3.7 | 3.4 | 2.8 | 3.6 | 3.3 | 1.8 | [ ] |

OUTPT [VERSION N 28 JUL 76]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 13

JULY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 7.0 | 7.5 | 4.5 | 3.0 | 2.5 | 4.0 | 5.0 | 4.5 | 9.0 | 7.5 | 5.5 | 6.0 | 7.5 | 8.0 | 5.0 | 8.0 | 9.0 | 8.0 | 7.0 | 5.0 | 6.0 | 7.0 | 3.5 | 2.5 | 6.0 | 9.0 |
| 2 | 3.5 | 9.5 | 9.5 | 7.5 | 2.5 | 4.5 | 4.5 | 2.5 | 3.5 | 4.5 | 6.0 | 6.0 | 7.0 | 7.0 | 11.5 | 15.0 | 13.0 | 11.0 | 5.0 | 3.5 | 4.0 | 8.0 | 3.0 | 4.0 | 6.5 | 15.0 |
| 3 | 6.5 | 3.5 | 6.5 | 5.0 | 5.5 | 2.5 | 3.0 | 3.0 | 3.0 | 3.0 | 4.0 | 5.0 | 6.0 | 7.5 | 7.0 | 6.0 | 5.5 | 4.0 | 4.5 | 3.5 | 2.5 | 8.0 | 10.0 | 7.0 | 5.0 | 10.0 |
| 4 | 8.0 | 6.0 | 2.5 | 3.5 | 2.5 | 2.5 | 2.5 | 3.0 | 3.5 | 3.5 | 4.0 | 5.5 | 8.0 | 12.0 | 7.5 | 10.0 | 11.5 | 8.0 | 8.5 | 2.5 | 5.0 | 10.0 | 7.0 | 5.5 | 6.0 | 12.0 |
| 5 | 4.5 | 4.0 | 2.5 | 3.5 | 2.5 | 2.0 | 2.5 | 2.5 | 3.0 | 5.0 | 6.5 | 6.0 | 5.0 | 6.5 | 7.5 | 6.0 | 6.0 | 6.0 | 4.0 | 3.0 | 5.5 | 7.0 | 10.0 | 6.0 | 5.0 | 10.0 |
| 6 | 4.0 | 7.0 | 3.0 | 3.0 | 4.0 | 2.0 | 2.5 | 2.5 | 3.0 | 4.0 | 3.0 | 5.0 | 5.0 | 5.5 | 5.0 | 5.0 | 6.0 | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | 4.0 | 7.0 |
| 7 | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | 4.5 | 8.0 | 8.5 | 9.5 | 13.5 | 12.0 | 10.0 | 8.5 | 12.0 | 15.0 | 9.0 | 10.0 | 9.5 | 14.0 | 17.0 | 10.5 | 17.0 |
| 8 | 8.5 | 3.5 | 2.5 | 2.5 | 2.5 | 1.5 | 1.5 | 3.5 | 4.5 | 4.5 | 5.5 | 8.5 | 7.5 | 8.5 | 9.0 | 6.0 | 6.5 | 4.5 | 3.5 | 9.5 | 11.0 | 15.0 | 13.0 | 4.0 | 6.0 | 15.0 |
| 9 | 2.0 | 5.5 | 3.0 | 9.0 | 4.5 | 2.0 | 2.5 | 4.0 | 6.0 | 5.0 | 6.0 | 6.5 | 7.0 | 6.5 | 11.5 | 6.0 | 5.0 | 5.5 | 3.5 | 5.0 | 9.5 | 9.5 | 5.5 | 13.0 | 6.0 | 13.0 |
| 10 | 10.0 | 12.0 | 7.5 | 2.5 | 5.5 | 2.5 | 3.0 | 4.0 | 4.0 | 5.0 | 5.5 | 6.0 | 5.5 | 6.0 | 11.0 | 13.5 | 9.5 | 7.0 | 4.0 | 3.0 | 9.5 | 7.0 | 5.0 | 4.5 | 6.5 | 13.5 |
| 11 | 2.5 | 3.0 | 2.5 | 5.5 | 5.0 | 2.5 | 4.0 | 3.0 | 3.5 | 4.0 | 4.0 | 5.0 | 6.0 | 6.0 | 6.5 | 12.0 | 6.5 | 10.0 | 11.0 | 4.5 | 5.5 | 8.0 | 4.0 | 4.5 | 5.5 | 12.0 |
| 12 | 7.5 | 8.0 | 10.5 | 9.5 | 3.5 | 2.5 | 4.5 | 5.0 | 6.5 | 4.5 | 5.0 | 6.0 | 13.5 | 7.5 | 10.0 | 6.0 | 9.5 | 8.5 | 5.0 | 4.0 | 3.5 | 4.5 | 5.5 | 3.5 | 6.5 | 13.5 |
| 13 | 5.5 | 3.5 | 2.0 | 3.0 | 2.5 | 2.5 | 2.0 | 4.5 | 3.0 | 3.5 | 5.0 | 6.5 | 6.0 | 9.0 | 9.0 | 9.0 | 6.0 | 5.5 | 4.0 | 2.5 | 2.5 | 3.0 | 2.5 | 4.0 | 4.5 | 9.0 |
| 14 | 3.5 | 2.5 | 2.5 | 2.0 | 2.5 | 4.0 | 2.5 | 2.5 | 4.0 | 4.0 | 6.0 | 7.0 | 6.5 | 12.0 | 12.5 | 8.5 | 8.5 | 9.0 | 6.5 | 2.5 | 2.5 | 3.5 | 3.0 | 3.0 | 5.0 | 12.5 |
| 15 | 3.5 | 6.5 | 7.0 | 5.5 | 5.5 | 2.0 | 4.5 | 2.5 | 3.5 | 4.0 | 5.0 | 5.0 | 6.0 | 6.5 | 5.5 | 5.5 | 5.5 | 3.5 | 3.5 | 2.5 | 2.5 | 4.0 | 6.0 | 8.0 | 4.5 | 8.0 |
| 16 | 3.0 | 2.0 | 2.5 | 2.5 | 1.5 | 2.0 | 1.5 | 2.5 | 2.5 | 4.0 | 4.5 | 5.5 | 5.0 | 8.0 | 6.5 | 6.5 | 6.0 | 5.0 | 5.5 | 2.5 | 2.5 | 4.5 | 8.0 | 6.5 | 4.0 | 8.0 |
| 17 | 5.0 | 5.0 | 3.0 | 4.5 | 2.5 | 3.0 | 3.0 | 5.0 | 8.0 | 7.0 | 8.0 | 6.0 | 4.5 | 4.5 | 5.0 | 10.0 | 6.0 | 9.5 | 16.0 | 5.5 | 7.0 | 8.5 | 4.5 | 3.5 | 6.0 | 18.0 |
| 18 | 3.5 | 8.5 | 5.0 | 2.5 | 2.0 | 2.0 | 1.5 | 4.5 | 2.5 | 4.0 | 7.0 | 5.5 | 5.0 | 10.5 | 12.0 | 14.5 | 8.5 | 8.0 | 3.5 | 8.0 | 8.0 | 4.0 | 3.0 | 3.0 | 5.5 | 14.5 |
| 19 | 3.0 | 3.0 | 2.5 | 2.0 | 1.5 | 2.5 | 2.5 | 2.0 | 3.0 | 3.5 | 5.5 | 5.0 | 5.0 | 7.0 | 13.0 | 14.0 | 7.0 | 8.0 | 12.5 | 13.0 | 15.0 | 11.0 | 7.0 | 14.0 | 7.0 | 15.0 |
| 20 | 6.5 | 4.0 | 3.0 | 2.5 | 5.0 | 6.5 | 6.0 | 5.0 | 3.0 | 2.5 | 4.0 | 4.0 | 3.5 | 5.0 | 5.0 | 18.5 | 9.5 | 4.5 | 4.0 | 6.0 | 6.0 | 4.0 | 6.5 | 7.0 | 5.5 | 18.5 |
| 21 | 3.0 | 5.0 | 3.0 | 3.5 | 5.0 | 2.0 | 3.5 | 2.5 | 3.0 | 4.5 | 4.0 | 5.5 | 5.5 | 6.5 | 7.5 | 8.0 | 8.5 | 6.5 | 4.5 | 2.0 | 3.0 | 4.5 | 4.0 | 5.5 | 4.5 | 8.5 |
| 22 | 5.0 | 3.5 | 5.5 | 3.0 | 2.5 | 2.5 | 2.0 | 3.0 | 3.5 | 3.5 | 4.5 | 5.5 | 7.0 | 7.0 | 6.0 | 5.0 | 8.0 | 4.0 | 6.0 | 2.5 | 2.0 | 2.5 | 5.0 | 4.0 | 4.5 | 8.0 |
| 23 | 3.5 | 6.5 | 5.0 | 2.0 | 4.0 | 2.0 | 3.0 | 2.5 | 3.5 | 4.5 | 5.5 | 5.5 | 5.5 | 8.0 | 7.5 | 7.0 | 6.5 | 6.5 | 5.5 | 4.0 | 6.5 | 10.0 | 8.0 | 6.0 | 5.5 | 10.0 |
| 24 | 4.0 | 2.5 | 4.5 | 4.5 | 3.5 | 4.0 | 3.5 | 3.5 | 4.5 | 5.0 | 4.0 | 7.5 | 7.5 | 6.5 | 6.0 | 7.0 | 10.0 | 8.5 | 6.5 | 6.5 | 9.5 | 7.0 | 5.5 | 7.5 | 6.0 | 10.0 |
| 25 | 5.5 | 4.0 | 5.0 | 7.0 | 3.5 | 4.0 | 4.5 | 7.5 | 6.0 | 6.0 | 4.5 | 5.5 | 10.5 | 12.5 | 13.0 | 10.0 | 13.5 | 7.0 | 8.0 | 3.0 | 5.0 | 2.0 | 2.5 | 2.5 | 6.5 | 13.5 |
| 26 | 2.0 | 2.5 | 4.0 | 4.5 | 6.5 | 3.5 | 3.0 | 2.0 | 2.5 | 3.0 | 3.0 | 5.0 | 6.0 | 8.5 | 11.0 | 9.0 | 7.5 | 6.0 | 5.0 | 5.5 | 9.0 | 10.0 | 9.0 | 6.0 | 5.5 | 11.0 |
| 27 | 12.5 | 4.0 | 5.5 | 2.5 | 2.5 | 2.5 | 2.5 | 3.0 | 4.0 | 4.0 | 4.0 | 7.0 | 6.0 | 8.5 | 8.5 | 9.0 | 8.0 | 11.0 | 11.0 | 3.5 | 2.5 | 4.5 | 8.5 | 6.5 | 6.0 | 12.5 |
| 28 | 5.0 | 3.5 | 4.0 | 3.0 | 5.0 | 2.5 | 3.5 | 4.0 | 4.0 | 4.0 | 4.5 | 7.0 | 7.0 | 11.0 | 12.0 | 9.0 | 5.0 | 4.5 | 4.5 | 4.0 | 2.0 | 6.0 | 7.0 | 3.0 | 5.0 | 12.0 |
| 29 | 4.5 | 3.0 | 5.5 | 2.5 | 4.5 | 3.5 | 3.0 | 3.0 | 2.5 | 4.5 | 5.5 | 5.0 | 7.5 | 11.5 | 10.0 | 12.0 | 8.0 | 6.5 | 5.5 | 3.5 | 3.5 | 6.0 | 5.0 | 5.5 | 5.5 | 12.0 |
| 30 | 5.0 | 3.0 | 2.5 | 3.0 | 2.0 | 2.0 | 2.5 | 6.0 | 4.5 | 4.0 | 5.5 | 5.0 | 5.5 | 7.0 | 8.0 | 9.5 | 6.5 | 10.5 | 13.0 | 6.5 | 6.5 | 6.0 | 6.5 | 5.5 | 5.5 | 13.0 |
| 31 | 3.0 | 8.0 | 7.5 | 6.5 | 3.0 | 3.5 | 2.5 | 3.0 | 5.0 | 6.0 | 4.0 | 7.0 | 7.5 | 8.5 | 7.5 | 6.0 | 8.5 | 11.0 | 6.0 | 16.0 | 11.5 | 5.0 | 3.5 | 4.0 | 6.5 | 16.0 |
| AV | 5.0 | 5.0 | 4.5 | 4.0 | 3.5 | 3.0 | 3.0 | 3.5 | 4.0 | 4.5 | 5.0 | 6.0 | 6.5 | 8.0 | 8.5 | 9.0 | 8.0 | 7.5 | 7.0 | 5.0 | 6.0 | 6.5 | 6.0 | 6.0 | 5.5 | [ ] |
| SD | 2.5 | 2.4 | 2.2 | 2.0 | 1.4 | 1.0 | 1.1 | 1.3 | 1.6 | 1.1 | 1.3 | 1.0 | 1.9 | 2.3 | 2.6 | 3.3 | 2.1 | 2.4 | 3.7 | 3.2 | 3.4 | 2.9 | 2.9 | 3.3 | 1.2 | [ ] |

OUTPT [VERSION N 28 JUL 76]

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 13

MAY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | PREV | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | | | | | | | | | | | 280 | 255 | 180 | 100 | 175 | 140 | 185 | 170 | 145 | 80 | 90 | 175 | 75 | 120 | [VA] | |
| 23 | 120 | 50 | 115 | 110 | 160 | 250 | 165 | 295 | 335 | 315 | 345 | 70 | 295 | 10 | 315 | 355 | 335 | 55 | 40 | 100 | 95 | 105 | 205 | 40 | 6 | |
| 24 | 95 | 110 | 115 | 45 | 60 | 105 | 345 | 270 | 260 | 275 | 265 | 275 | 185 | 55 | 140 | 25 | 130 | 100 | 55 | 130 | 185 | 145 | 110 | 155 | 7 | |
| 25 | 50 | 90 | 105 | 125 | 90 | 150 | 0 | 345 | 35 | 280 | 330 | 265 | 260 | 200 | 215 | 340 | 325 | 65 | 125 | 120 | 115 | 120 | 135 | 115 | 6 | |
| 26 | 105 | 130 | 75 | 190 | 5 | 25 | 265 | 275 | 275 | 15 | 15 | 40 | 290 | 355 | 310 | 310 | 245 | 285 | 0 | 65 | 100 | 120 | 120 | 125 | [VA] | |
| 27 | 180 | 55 | 90 | 180 | 125 | 170 | 15 | 280 | 325 | 255 | 270 | 285 | 270 | 245 | 295 | 265 | 275 | 255 | 280 | 150 | 105 | 110 | 140 | 130 | 13 | |
| 28 | 125 | 255 | 70 | 80 | 105 | 25 | 330 | 300 | 60 | 320 | 275 | 45 | 25 | 290 | 195 | 195 | 200 | 215 | 180 | 155 | 150 | 150 | 20 | 95 | [VA] | |
| 29 | 110 | 145 | 155 | 75 | 125 | 70 | 60 | 95 | 265 | 270 | 315 | 315 | 265 | 100 | 335 | 280 | 285 | 300 | 280 | 300 | 260 | 250 | 5 | 100 | 14 | |
| 30 | 115 | 120 | 155 | 90 | 105 | 85 | 350 | 290 | 55 | 355 | 315 | 290 | 275 | 265 | 235 | 355 | 145 | 145 | 105 | 120 | 125 | 120 | 55 | 100 | 6 | |
| 31 | 65 | 300 | 105 | 115 | 165 | 140 | 325 | 340 | 120 | 270 | 265 | 290 | 285 | 345 | 80 | 180 | 215 | 265 | 235 | 130 | 130 | 125 | 130 | 135 | 7 | |
| PV | 6 | 6 | 6 | 6 | 7 | 2 | [VA] | [VA] | [VA] | 13 | 13 | [VA] | [VA] | 1 | 15 | 1 | [VA] | 13 | 7 | 7 | [VA] | 7 | [VA] | 7 | 6 | |

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 13

JUNE,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | PREV | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 195 | 110 | 110 | 140 | 70 | 80 | 55 | 35 | 30 | 280 | 5 | 285 | 295 | 200 | 185 | 200 | 240 | 245 | 260 | 185 | 170 | 345 | 100 | 115 | [VA] | |
| 2 | 110 | 140 | 100 | 110 | 115 | 95 | 300 | 345 | 25 | 40 | 280 | 270 | 265 | 180 | 150 | 170 | 180 | 175 | 175 | 200 | 180 | 155 | 135 | 100 | 9 | |
| 3 | 130 | 115 | 140 | 75 | 105 | 135 | 125 | 25 | 280 | 170 | 190 | 175 | 160 | 185 | 195 | 175 | 165 | 185 | 210 | 200 | 170 | 150 | 175 | 20 | 9 | |
| 4 | 80 | 25 | 115 | 5 | 110 | 85 | 70 | 5 | 285 | 325 | 155 | 170 | 40 | 170 | 150 | 185 | 170 | 205 | 195 | 210 | 175 | 160 | 105 | 160 | 9 | |
| 5 | 130 | 90 | 165 | 145 | 85 | 130 | 305 | 350 | 275 | 280 | 355 | 35 | 135 | 130 | 145 | 150 | 155 | 155 | 160 | 150 | 160 | 125 | 130 | 110 | 7 | |
| 6 | 110 | 120 | 245 | 345 | 325 | 90 | 5 | [MT] | 45 | 260 | 210 | 210 | 190 | 175 | 165 | 205 | 175 | 155 | 140 | 130 | 145 | 155 | 140 | 135 | 7 | |
| 7 | 195 | 250 | 140 | 150 | 130 | 210 | 5 | 350 | 255 | 205 | 180 | 185 | 265 | 245 | 195 | 205 | 195 | 170 | 150 | 155 | 135 | 145 | 135 | 140 | [VA] | |
| 8 | 110 | 165 | 110 | 105 | 150 | 90 | 310 | 280 | 170 | 180 | 195 | 175 | 210 | 185 | 210 | 220 | 220 | 205 | 235 | 250 | 200 | 185 | 205 | 155 | [VA] | |
| 9 | 155 | 125 | 160 | 60 | 175 | 240 | 315 | 330 | 300 | 280 | 230 | 185 | 185 | 190 | 180 | 205 | 200 | 215 | 210 | 205 | 180 | 175 | 175 | 165 | 9 | |
| 10 | 175 | 300 | 205 | 150 | 225 | 145 | 145 | 165 | 170 | 165 | 170 | 165 | 175 | 170 | 180 | 180 | 195 | 180 | 195 | 205 | 275 | 285 | 305 | 135 | 9 | |
| 11 | 135 | 145 | 125 | 85 | 165 | 220 | 270 | 285 | 205 | 205 | 190 | 215 | 235 | 285 | 250 | 230 | 245 | 275 | 285 | 280 | 170 | 180 | 170 | 215 | 11 | |
| 12 | 220 | 195 | 185 | 175 | 130 | 135 | 195 | 290 | 265 | 270 | 275 | 265 | 280 | 265 | 250 | 255 | 240 | 230 | 255 | 245 | 225 | 240 | 205 | 175 | 12 | |
| 13 | 115 | 135 | 235 | 225 | 155 | 115 | 120 | 110 | 20 | 95 | 230 | 280 | 290 | 300 | 305 | 310 | 295 | 285 | 305 | 275 | 120 | 170 | 105 | 65 | 14 | |
| 14 | 70 | 125 | 170 | 165 | 175 | 175 | 190 | 255 | 260 | 290 | 265 | 265 | 230 | 235 | 240 | 105 | 185 | 40 | 30 | 25 | 35 | 35 | 135 | 120 | [VA] | |
| 15 | 125 | 140 | 220 | 115 | 120 | 170 | 240 | 320 | 0 | 295 | 205 | 0 | 355 | 0 | 345 | 275 | 265 | 265 | 55 | 155 | 165 | 180 | 185 | 205 | [VA] | |
| 16 | 190 | 230 | 100 | 125 | 120 | 100 | 110 | 185 | 235 | 265 | 255 | 235 | 290 | 305 | 300 | 305 | 295 | 285 | 270 | 280 | 280 | 250 | 115 | 125 | [VA] | |
| 17 | 135 | 115 | 120 | 120 | 190 | 135 | 335 | 285 | 295 | 265 | 20 | 330 | 225 | 5 | 55 | 60 | 240 | 140 | 135 | 140 | 115 | 85 | 80 | 90 | 6 | |
| 18 | 125 | 125 | 130 | 180 | 125 | 95 | 0 | 305 | 315 | 290 | 275 | 280 | 270 | 270 | 260 | 295 | 60 | 50 | 45 | 55 | 50 | 60 | 65 | 65 | 13 | |
| 19 | 105 | 120 | 120 | 120 | 140 | 110 | 280 | 295 | 275 | 275 | 150 | 300 | 260 | 270 | 285 | 245 | 65 | 295 | 340 | 70 | 115 | 100 | 105 | 160 | 13 | |
| 20 | 135 | 125 | 125 | 150 | 125 | 20 | 50 | 55 | 20 | 30 | 340 | 205 | 230 | 160 | 190 | 190 | 200 | 205 | 160 | 155 | 145 | 160 | 210 | 185 | [VA] | |
| 21 | 210 | 215 | 75 | 120 | 125 | 45 | 345 | 15 | 295 | 315 | 230 | 235 | 225 | 230 | 240 | 230 | 210 | 210 | 185 | 170 | 160 | 160 | 170 | 165 | 10 | |
| 22 | 160 | 160 | 175 | 160 | 170 | 140 | 120 | 125 | 130 | 120 | 350 | 125 | 25 | 120 | 270 | 345 | 265 | 275 | 110 | 120 | 115 | 90 | 80 | 100 | [VA] | |
| 23 | 130 | 160 | 10 | 80 | 140 | 115 | 215 | 245 | 265 | 240 | 245 | 265 | 270 | 260 | 255 | 270 | 280 | 275 | 270 | 270 | 285 | 210 | 90 | 65 | [VA] | |
| 24 | 130 | 120 | 140 | 120 | 135 | 160 | 320 | 285 | 300 | 260 | 260 | 265 | 260 | 250 | 215 | 240 | 240 | 275 | 270 | 255 | 260 | 245 | 225 | 150 | [VA] | |
| 25 | 125 | 155 | 190 | 145 | 165 | 220 | 260 | 0 | 290 | 295 | 255 | 215 | 230 | 225 | 240 | 215 | 235 | 240 | 245 | 245 | 230 | 190 | 190 | 280 | 12 | |
| 26 | 190 | 155 | 100 | 175 | 280 | 175 | 345 | 35 | 15 | 225 | 295 | 340 | 305 | 350 | 255 | 270 | 285 | 20 | 315 | 0 | 350 | 130 | 125 | 115 | 1 | |
| 27 | 130 | 205 | 40 | 5 | 175 | 245 | 315 | 265 | 280 | 240 | 265 | 270 | 290 | 310 | 275 | 315 | 260 | 315 | 295 | 325 | 250 | 155 | 125 | 120 | 13 | |
| 28 | 145 | 165 | 140 | 90 | 145 | 115 | 355 | 345 | 300 | 335 | 265 | 270 | 245 | 255 | 260 | 310 | 355 | 25 | 30 | 45 | 125 | 105 | 85 | 110 | 7 | |
| 29 | 145 | 130 | 175 | 95 | 270 | 110 | 25 | 25 | 310 | 325 | 265 | 180 | 315 | 240 | 200 | 195 | 270 | 300 | 85 | 120 | 125 | 140 | 145 | 145 | 7 | |
| 30 | 140 | 150 | 155 | 120 | 155 | 145 | 100 | 195 | 220 | 225 | 190 | 175 | 180 | 175 | 165 | 180 | 215 | 280 | 215 | 150 | 140 | 25 | 195 | 150 | 8 | |
| 31 | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | |
| PV | 7 | 7 | 7 | [VA] | 7 | 7 | 15 | 1 | 14 | 14 | 13 | 13 | 13 | [VA] | 13 | 10 | [VA] | 13 | 10 | 8 | 7 | 8 | 7 | [VA] | 7 | |

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 13

JULY, 1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | PREV | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 165 | 165 | 220 | 140 | 140 | 135 | 235 | 45 | 165 | 220 | 270 | 195 | 75 | 75 | 55 | 175 | 190 | 195 | 185 | 175 | 140 | 165 | 20 | 120 | 9 | |
| 2 | 110 | 65 | 75 | 75 | 125 | 110 | 175 | 335 | 285 | 270 | 280 | 245 | 235 | 225 | 220 | 250 | 240 | 210 | 230 | 250 | 245 | 270 | 210 | 95 | 12 | |
| 3 | 75 | 60 | 80 | 115 | 165 | 115 | 60 | 310 | 310 | 60 | 260 | 270 | 295 | 295 | 35 | 310 | 325 | 80 | 295 | 115 | 110 | 120 | 130 | 120 | 6 | |
| 4 | 125 | 125 | 160 | 115 | 180 | 235 | 280 | 340 | 10 | 150 | 260 | 275 | 290 | 270 | 290 | 270 | 245 | 245 | 250 | 160 | 120 | 140 | 80 | 120 | 13 | |
| 5 | 135 | 120 | 165 | 190 | 170 | 170 | 260 | 290 | 265 | 285 | 260 | 265 | 295 | 275 | 275 | 270 | 40 | 25 | 270 | 60 | 100 | 120 | 115 | 40 | [VA] | |
| 6 | 125 | 125 | 135 | 150 | 100 | 125 | 250 | 340 | 305 | 295 | 320 | 340 | 330 | 355 | 225 | 190 | 280 | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | 16 | |
| 7 | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | 295 | 295 | 180 | 125 | 150 | 130 | 120 | 155 | 160 | 165 | 155 | 145 | 170 | 140 | 135 | 8 | |
| 8 | 175 | 150 | 200 | 135 | 115 | 120 | 95 | 40 | 285 | 295 | 250 | 250 | 310 | 25 | 210 | 180 | 265 | 275 | 175 | 140 | 140 | 150 | 145 | 185 | [VA] | |
| 9 | 110 | 135 | 195 | 145 | 175 | 130 | 60 | 205 | 200 | 250 | 285 | 340 | 275 | 40 | 145 | 160 | 120 | 125 | 95 | 115 | 110 | 130 | 185 | 115 | [VA] | |
| 10 | 140 | 135 | 175 | 220 | 120 | 160 | 85 | 175 | 255 | 280 | 270 | 230 | 265 | 235 | 240 | 145 | 130 | 230 | 295 | 190 | 100 | 125 | 135 | 120 | 7 | |
| 11 | 175 | 110 | 130 | 160 | 160 | 210 | 220 | 295 | 305 | 270 | 45 | 215 | 245 | 305 | 275 | 215 | 215 | 220 | 265 | 200 | 165 | 125 | 120 | 110 | 11 | |
| 12 | 135 | 155 | 170 | 190 | 175 | 185 | 140 | 155 | 230 | 275 | 260 | 15 | 285 | 250 | 130 | 170 | 140 | 150 | 200 | 205 | 295 | 115 | 115 | 180 | 9 | |
| 13 | 10 | 65 | 65 | 70 | 55 | 70 | 220 | 205 | 215 | 200 | 185 | 185 | 270 | 255 | 250 | 275 | 205 | 225 | 200 | 40 | 100 | 135 | 140 | 105 | 10 | |
| 14 | 160 | 110 | 115 | 190 | 155 | 190 | 280 | 250 | 290 | 260 | 0 | 75 | 230 | 270 | 265 | 250 | 280 | 275 | 275 | 205 | 135 | 155 | 165 | 185 | 13 | |
| 15 | 120 | 115 | 125 | 120 | 135 | 205 | 160 | 305 | 260 | 220 | 310 | 0 | 145 | 195 | 100 | 75 | 120 | 190 | 0 | 80 | 95 | 100 | 105 | 100 | 6 | |
| 16 | 200 | 160 | 125 | 145 | 140 | 195 | 140 | 215 | 185 | 320 | 245 | 315 | 260 | 265 | 235 | 230 | 195 | 240 | 30 | 30 | 110 | 155 | 195 | 170 | 10 | |
| 17 | 135 | 135 | 90 | 100 | 135 | 115 | 85 | 155 | 220 | 285 | 285 | 255 | 140 | 145 | 170 | 255 | 280 | 265 | 270 | 210 | 180 | 155 | 70 | 130 | 7 | |
| 18 | 210 | 90 | 205 | 125 | 125 | 130 | 160 | 100 | 150 | 240 | 260 | 215 | 270 | 275 | 275 | 265 | 270 | 265 | 160 | 130 | 110 | 160 | 135 | 165 | 8 | |
| 19 | 205 | 210 | 230 | 190 | 90 | 120 | 285 | 280 | 205 | 205 | 275 | 255 | 280 | 290 | 160 | 130 | 110 | 130 | 155 | 145 | 140 | 245 | 140 | 105 | 7 | |
| 20 | 115 | 120 | 165 | 185 | 110 | 180 | 95 | 225 | 230 | 150 | 190 | 195 | 180 | 215 | 245 | 255 | 180 | 185 | 180 | 140 | 125 | 120 | 115 | 125 | 9 | |
| 21 | 165 | 150 | 155 | 155 | 155 | 165 | 275 | 295 | 300 | 265 | 305 | 250 | 275 | 200 | 325 | 275 | 10 | 275 | 300 | 235 | 50 | 145 | 130 | 110 | 13 | |
| 22 | 120 | 125 | 115 | 140 | 150 | 210 | 235 | 200 | 215 | 265 | 200 | 225 | 270 | 245 | 235 | 140 | 50 | 25 | 280 | 60 | 155 | 120 | 100 | 175 | 11 | |
| 23 | 100 | 120 | 140 | 190 | 200 | 165 | 275 | 60 | 280 | 180 | 260 | 250 | 165 | 345 | 340 | 50 | 20 | 30 | 30 | 70 | 110 | 125 | 125 | 65 | [VA] | |
| 24 | 125 | 100 | 50 | 115 | 145 | 145 | 120 | 45 | 235 | 320 | 195 | 245 | 280 | 260 | 190 | 245 | 165 | 155 | 135 | 150 | 130 | 200 | 170 | 170 | 7 | |
| 25 | 170 | 130 | 145 | 160 | 165 | 100 | 130 | 160 | 195 | 250 | 195 | 115 | 125 | 170 | 90 | 180 | 235 | 215 | 115 | 85 | 110 | 135 | 110 | 105 | [VA] | |
| 26 | 145 | 130 | 120 | 120 | 110 | 155 | 105 | 90 | 165 | 285 | 270 | 260 | 255 | 300 | 225 | 150 | 130 | 125 | 135 | 135 | 130 | 130 | 185 | 140 | 7 | |
| 27 | 130 | 200 | 155 | 145 | 135 | 100 | 285 | 310 | 275 | 270 | 160 | 235 | 285 | 0 | 260 | 255 | 10 | 295 | 260 | 185 | 100 | 120 | 105 | 110 | [VA] | |
| 28 | 80 | 110 | 90 | 85 | 100 | 185 | 165 | 70 | 160 | 220 | 250 | 190 | 235 | 275 | 0 | 40 | 355 | 240 | 300 | 245 | 130 | 110 | 115 | 150 | 5 | |
| 29 | 105 | 75 | 105 | 200 | 175 | 115 | 255 | 310 | 85 | 170 | 265 | 240 | 215 | 105 | 160 | 280 | 335 | 335 | 65 | 60 | 85 | 65 | 75 | 90 | 4 | |
| 30 | 25 | 40 | 145 | 165 | 125 | 105 | 210 | 290 | 240 | 275 | 250 | 345 | 245 | 305 | 290 | 285 | 35 | 285 | 275 | 220 | 105 | 60 | 65 | 85 | 14 | |
| 31 | 90 | 240 | 260 | 255 | 105 | 105 | 170 | 170 | 200 | 250 | 265 | 270 | 295 | 270 | 270 | 245 | 275 | 240 | 220 | 180 | 205 | 75 | 120 | 90 | [VA] | |
| PV | [VA] | 7 | 7 | 7 | [VA] | 6 | 13 | 15 | 11 | 13 | 13 | 12 | 13 | 13 | 13 | 12 | [VA] | 12 | 13 | [VA] | 6 | 7 | 6 | 6 | 7 | |

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 13

MAY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | DEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | | | | | | | | | | | 16 | 17 | 13 | 14 | 14 | 17 | 15 | 14 | 13 | 13 | 12 | 11 | 12 | 11 | 14 | 17 |
| 23 | 13 | 12 | 10 | 11 | 11 | 11 | 11 | 13 | 16 | 19 | 20 | 21 | 22 | 23 | 23 | 25 | 25 | 25 | 24 | 20 | 19 | 18 | 17 | 16 | 18 | 25 |
| 24 | 15 | 15 | 16 | 15 | 13 | 13 | 14 | 16 | 19 | 20 | 22 | 22 | 22 | 23 | 24 | 23 | 17 | 17 | 17 | 17 | 14 | 13 | 14 | 14 | 17 | 24 |
| 25 | 12 | 8 | 8 | 8 | 8 | 8 | 9 | 14 | 18 | 20 | 22 | 23 | 22 | 20 | 23 | 14 | 16 | 19 | 20 | 17 | 14 | 14 | 14 | 13 | 15 | 23 |
| 26 | 13 | 12 | 11 | 9 | 7 | 6 | 11 | 15 | 17 | 18 | 19 | 22 | 22 | 23 | 24 | 24 | 24 | 26 | 24 | 20 | 18 | 17 | 15 | 14 | 17 | 26 |
| 27 | 12 | 11 | 11 | 10 | 8 | 9 | 14 | 17 | 20 | 23 | 26 | 28 | 27 | 28 | 31 | 29 | 29 | 29 | 29 | 25 | 21 | 20 | 21 | 18 | 21 | 31 |
| 28 | 17 | 16 | 14 | 12 | 11 | 13 | 17 | 20 | 23 | 25 | 26 | 26 | 28 | 33 | 35 | 35 | 33 | 30 | 30 | 29 | 27 | 25 | 22 | 20 | 24 | 35 |
| 29 | 19 | 18 | 17 | 15 | 15 | 15 | 17 | 20 | 23 | 26 | 29 | 29 | 28 | 27 | 28 | 23 | 22 | 22 | 22 | 20 | 20 | 18 | 17 | 16 | 21 | 29 |
| 30 | 14 | 15 | 12 | 9 | 9 | 10 | 12 | 15 | 18 | 19 | 21 | 22 | 23 | 23 | 23 | 24 | 19 | 15 | 16 | 15 | 14 | 14 | 14 | 13 | 16 | 24 |
| 31 | 11 | 10 | 8 | 8 | 8 | 8 | 11 | 14 | 18 | 21 | 24 | 26 | 26 | 27 | 29 | 30 | 30 | 30 | 29 | 24 | 22 | 22 | 22 | 21 | 20 | 30 |
| AV | 14 | 13 | 12 | 11 | 10 | 10 | 13 | 16 | 19 | 21 | 23. | 24 | 23 | 24 | 25 | 24 | 23 | 23 | 22 | 20 | 18 | 17 | 17 | 16 | 18 | |
| SD | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 3 | 4 | 3 | 4 | 5 | 5 | 6 | 6 | 6 | 6 | 5 | 4 | 4 | 3 | 3 | 3 | |

OUTPT (VERSION N 28 JUL 76)

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 13

JUNE,1976

AEROVIRONMENT INC.

```
**********************
*                    *
*  PRELIMINARY DATA  *
*  AS OF 19/SEP/76   *
*                    *
**********************
*                    *
*   SUBJECT TO       *
*     REVISION       *
*                    *
**********************
```

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 17 | 16 | 14 | 12 | 9 | 10 | 13 | 18 | 23 | 26 | 30 | 31 | 31 | 32 | 32 | 31 | 31 | 31 | 30 | 25 | 23 | 20 | 20 | [ ] | 23 | 32 |
| 2 | 19 | 16 | 14 | 12 | 11 | 13 | 16 | 20 | 23 | 28 | 31 | 31 | 30 | 34 | 35 | 34 | 34 | 33 | 32 | 29 | 26 | 24 | 22 | 21 | 25 | 35 |
| 3 | 22 | 23 | 20 | 18 | 16 | 14 | 17 | 20 | 23 | 29 | 30 | 30 | 31 | 31 | 31 | 32 | 33 | 32 | 31 | 29 | 26 | 25 | 25 | 23 | 25 | 33 |
| 4 | 19 | 20 | 18 | 14 | 12 | 14 | 17 | 20 | 22 | 27 | 30 | 30 | 30 | 31 | 32 | 32 | 33 | 33 | 32 | 29 | 24 | 24 | 22 | 19 | 24 | 33 |
| 5 | 18 | 18 | 17 | 14 | 13 | 14 | 18 | 22 | 25 | 28 | 30 | 32 | 31 | 33 | 33 | 33 | 34 | 34 | 33 | 30 | 27 | 24 | 23 | 19 | 25 | 34 |
| 6 | 20 | 21 | 18 | 15 | 15 | 16 | 20 | [MT] | 27 | 31 | 31 | 33 | 33 | 33 | 34 | 35 | 34 | 33 | 30 | 28 | 26 | 25 | 24 | 23 | 26 | 35 |
| 7 | 22 | 21 | 19 | 18 | 18 | 18 | 21 | 24 | 27 | 30 | 32 | 34 | 31 | 32 | 33 | 32 | 32 | 32 | 31 | 29 | 27 | 26 | 25 | 25 | 27 | 34 |
| 8 | 22 | 21 | 19 | 18 | 17 | 17 | 20 | 23 | 29 | 31 | 32 | 33 | 33 | 32 | 32 | 34 | 34 | 33 | 33 | 31 | 29 | 27 | 25 | 22 | 27 | 34 |
| 9 | 21 | 21 | 20 | 20 | 17 | 18 | 20 | 22 | 26 | 29 | 31 | 33 | 33 | 33 | 34 | 34 | 34 | 33 | 32 | 30 | 27 | 26 | 24 | 23 | 27 | 34 |
| 10 | 22 | 20 | 19 | 21 | 19 | 20 | 25 | 27 | 29 | 30 | 30 | 31 | 31 | 32 | 32 | 33 | 33 | 32 | 30 | 29 | 24 | 20 | 19 | 16 | 26 | 33 |
| 11 | 14 | 14 | 14 | 14 | 14 | 15 | 17 | 17 | 19 | 20 | 21 | 22 | 22 | 21 | 23 | 23 | 22 | 18 | 18 | 16 | 15 | 14 | 13 | 13 | 17 | 23 |
| 12 | 13 | 11 | 12 | 10 | 9 | 10 | 12 | 15 | 17 | 18 | 19 | 21 | 22 | 23 | 24 | 25 | 24 | 25 | 25 | 24 | 22 | 21 | 20 | 20 | 18 | 25 |
| 13 | 18 | 18 | 18 | 18 | 16 | 17 | 17 | 19 | 20 | 22 | 22 | 22 | 21 | 22 | 23 | 21 | 19 | 16 | 12 | 10 | 9 | 8 | 7 | 6 | 17 | 23 |
| 14 | 4 | 4 | 3 | 3 | 4 | 5 | 7 | 9 | 10 | 12 | 14 | 15 | 18 | 18 | 20 | 20 | 20 | 20 | 19 | 17 | 15 | 12 | 9 | 10 | 12 | 20 |
| 15 | 9 | 9 | 7 | 6 | 5 | 6 | 9 | 11 | 14 | 17 | 20 | 21 | 23 | 24 | 25 | 27 | 28 | 28 | 27 | 25 | 23 | 22 | 21 | 20 | 18 | 28 |
| 16 | 20 | 20 | 19 | 17 | 17 | 16 | 19 | 22 | 23 | 23 | 22 | 24 | 23 | 24 | 25 | 25 | 23 | 22 | 22 | 21 | 20 | 16 | 12 | 12 | 20 | 25 |
| 17 | 12 | 12 | 12 | 12 | 11 | 11 | 13 | 15 | 16 | 19 | 20 | 22 | 22 | 20 | 22 | 20 | 18 | 18 | 17 | 16 | 14 | 13 | 13 | 12 | 16 | 22 |
| 18 | 11 | 10 | 10 | 9 | 8 | 8 | 10 | 13 | 15 | 18 | 20 | 22 | 23 | 25 | 27 | 27 | 27 | 26 | 26 | 23 | 20 | 19 | 18 | 16 | 18 | 27 |
| 19 | 15 | 13 | 12 | 10 | 9 | 10 | 12 | 15 | 18 | 20 | 23 | 25 | 30 | 31 | 32 | 33 | 34 | 34 | 34 | 31 | 28 | 25 | 24 | 23 | 23 | 34 |
| 20 | 20 | 17 | 16 | 15 | 14 | 14 | 18 | 22 | 25 | 28 | 32 | 35 | 36 | 37 | 37 | 37 | 36 | 36 | 35 | 33 | 32 | 31 | 28 | 26 | 28 | 37 |
| 21 | 26 | 25 | 22 | 21 | 20 | 20 | 22 | 24 | 28 | 31 | 33 | 34 | 36 | 37 | 37 | 37 | 37 | 37 | 35 | 33 | 31 | 30 | 29 | 28 | 30 | 37 |
| 22 | 28 | 28 | 27 | 26 | 22 | 18 | 17 | 17 | 16 | 19 | 20 | 14 | 17 | 21 | 22 | 22 | 21 | 15 | 15 | 14 | 13 | 13 | 13 | 12 | 19 | 28 |
| 23 | 13 | 13 | 13 | 12 | 11 | 12 | 14 | 16 | 17 | 18 | 20 | 21 | 23 | 25 | 25 | 25 | 24 | 23 | 23 | 20 | 19 | 17 | 13 | 13 | 18 | 25 |
| 24 | 11 | 10 | 8 | 8 | 8 | 8 | 11 | 13 | 15 | 18 | 19 | 21 | 23 | 24 | 25 | 26 | 26 | 27 | 26 | 24 | 23 | 21 | 20 | 18 | 18 | 28 |
| 25 | 17 | 16 | 15 | 13 | 12 | 12 | 14 | 17 | 20 | 24 | 26 | 28 | 30 | 30 | 31 | 31 | 30 | 31 | 32 | 30 | 29 | 26 | 24 | 22 | 23 | 32 |
| 26 | 21 | 19 | 18 | 18 | 18 | 17 | 19 | 21 | 22 | 23 | 25 | 26 | 28 | 30 | 31 | 32 | 31 | 31 | 31 | 30 | 25 | 22 | 21 | 20 | 24 | 32 |
| 27 | 19 | 17 | 15 | 14 | 13 | 13 | 16 | 19 | 23 | 26 | 27 | 30 | 33 | 35 | 36 | 37 | 37 | 36 | 36 | 34 | 31 | 26 | 24 | 24 | 26 | 37 |
| 28 | 23 | 22 | 19 | 17 | 14 | 15 | 18 | 21 | 24 | 30 | 33 | 35 | 37 | 38 | 38 | 38 | 38 | 38 | 37 | 33 | 29 | 27 | 27 | 24 | 28 | 38 |
| 29 | 21 | 20 | 19 | 17 | 15 | 16 | 19 | 23 | 26 | 30 | 32 | 36 | 37 | 37 | 37 | 38 | 39 | 39 | 37 | 34 | 33 | 31 | 30 | 29 | 29 | 39 |
| 30 | 28 | 27 | 27 | 25 | 22 | 23 | 26 | 29 | 31 | 33 | 34 | 35 | 36 | 35 | 35 | 34 | 30 | 27 | 25 | 23 | 24 | 23 | 21 | 22 | 28 | 36 |
| 31 | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] |
| AV | 18 | 17 | 16 | 15 | 14 | 14 | 17 | 19 | 22 | 25 | 26 | 28 | 28 | 29 | 30 | 30 | 30 | 29 | 28 | 26 | 24 | 22 | 21 | 19 | 23 | [ ] |
| SD | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 5 | 6 | 6 | 7 | 7 | 6 | 6 | 6 | 6 | 6 | 5 | [ ] |

OUTPT [VERSION N 28 JUL 76]

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 13

JULY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 24 | 23 | 22 | 21 | 20 | 21 | 23 | 25 | 27 | 30 | 31 | 29 | 31 | 32 | 33 | 35 | 36 | 35 | 32 | 31 | 28 | 26 | 25 | 24 | 28 | 36 |
| 2 | 21 | 23 | 23 | 22 | 20 | 19 | 20 | 22 | 24 | 26 | 28 | 31 | 32 | 33 | 35 | 34 | 34 | 34 | 33 | 32 | 28 | 28 | 25 | 23 | 27 | 35 |
| 3 | 23 | 22 | 21 | 19 | 18 | 17 | 19 | 21 | 23 | 27 | 29 | 31 | 34 | 35 | 35 | 36 | 36 | 36 | 36 | 33 | 28 | 27 | 26 | 25 | 27 | 36 |
| 4 | 23 | 22 | 20 | 18 | 16 | 17 | 19 | 22 | 26 | 30 | 32 | 35 | 37 | 38 | 38 | 39 | 39 | 38 | 37 | 33 | 28 | 29 | 26 | 24 | 29 | 39 |
| 5 | 23 | 22 | 20 | 19 | 17 | 17 | 20 | 22 | 27 | 29 | 32 | 34 | 37 | 38 | 39 | 39 | 39 | 38 | 38 | 35 | 32 | 30 | 29 | 27 | 29 | 39 |
| 6 | 25 | 25 | 23 | 21 | 21 | 20 | 22 | 24 | 28 | 30 | 33 | 36 | 39 | 40 | 40 | 41 | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | 29 | 41 |
| 7 | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | [RF] | 33 | 34 | 35 | 38 | 37 | 34 | 34 | 36 | 35 | 34 | 33 | 31 | 30 | 29 | 28 | 34 | 38 |
| 8 | 28 | 26 | 24 | 22 | 21 | 21 | 25 | 27 | 29 | 32 | 35 | 35 | 38 | 39 | 40 | 39 | 40 | 39 | 38 | 35 | 33 | 32 | 30 | 30 | 32 | 40 |
| 9 | 29 | 30 | 29 | 30 | 28 | 26 | 28 | 32 | 36 | 36 | 37 | 38 | 40 | 40 | 40 | 41 | 41 | 40 | 39 | 37 | 35 | 34 | 33 | 33 | 35 | 41 |
| 10 | 30 | 29 | 28 | 25 | 24 | 24 | 26 | 29 | 30 | 33 | 35 | 37 | 40 | 41 | 41 | 39 | 38 | 37 | 36 | 35 | 34 | 31 | 29 | 23 | 32 | 41 |
| 11 | 26 | 24 | 24 | 23 | 23 | 23 | 25 | 28 | 31 | 35 | 37 | 40 | 40 | 40 | 39 | 37 | 38 | 37 | 34 | 32 | 30 | 29 | 27 | 25 | 31 | 40 |
| 12 | 28 | 29 | 29 | 28 | 27 | 25 | 27 | 31 | 31 | 31 | 34 | 35 | 31 | 34 | 31 | 30 | 30 | 31 | 31 | 30 | 29 | 27 | 26 | 25 | 30 | 35 |
| 13 | 25 | 24 | 21 | 20 | 19 | 20 | 22 | 24 | 27 | 30 | 32 | 34 | 35 | 35 | 36 | 36 | 35 | 35 | 34 | 32 | 28 | 27 | 25 | 24 | 28 | 36 |
| 14 | 24 | 22 | 20 | 18 | 17 | 18 | 20 | 23 | 26 | 30 | 33 | 33 | 35 | 34 | 33 | 33 | 34 | 33 | 32 | 30 | 27 | 26 | 25 | 24 | 27 | 35 |
| 15 | 21 | 20 | 19 | 18 | 17 | 16 | 19 | 22 | 25 | 28 | 30 | 32 | 34 | 35 | 37 | 37 | 36 | 37 | 36 | 33 | 30 | 29 | 28 | 27 | 28 | 37 |
| 16 | 24 | 20 | 18 | 18 | 17 | 17 | 18 | 21 | 25 | 29 | 33 | 34 | 39 | 39 | 39 | 39 | 38 | 38 | 37 | 34 | 31 | 31 | 31 | 29 | 29 | 39 |
| 17 | 29 | 28 | 26 | 25 | 22 | 23 | 25 | 29 | 31 | 32 | 33 | 33 | 35 | 36 | 38 | 35 | 32 | 30 | 26 | 22 | 22 | 21 | 19 | 19 | 28 | 38 |
| 18 | 18 | 18 | 18 | 17 | 16 | 17 | 19 | 20 | 23 | 24 | 24 | 22 | 27 | 27 | 26 | 26 | 24 | 24 | 25 | 23 | 22 | 22 | 21 | 21 | 22 | 27 |
| 19 | 21 | 21 | 20 | 19 | 19 | 16 | 20 | 22 | 24 | 25 | 26 | 28 | 30 | 30 | 29 | 29 | 30 | 29 | 26 | 23 | 21 | 21 | 18 | 17 | 24 | 30 |
| 20 | 20 | 18 | 17 | 16 | 16 | 16 | 18 | 20 | 22 | 24 | 26 | 28 | 31 | 32 | 32 | 25 | 24 | 25 | 26 | 24 | 22 | 20 | 19 | 18 | 22 | 32 |
| 21 | 19 | 18 | 17 | 16 | 15 | 15 | 17 | 20 | 23 | 26 | 28 | 30 | 32 | 34 | 34 | 34 | 34 | 33 | 32 | 30 | 28 | 26 | 24 | 21 | 25 | 34 |
| 22 | 23 | 21 | 20 | 19 | 17 | 18 | 20 | 23 | 26 | 28 | 32 | 33 | 35 | 36 | 37 | 38 | 35 | 35 | 34 | 32 | 28 | 25 | 24 | 23 | 28 | 38 |
| 23 | 23 | 22 | 22 | 19 | 19 | 18 | 20 | 23 | 27 | 30 | 33 | 34 | 37 | 38 | 38 | 38 | 38 | 37 | 36 | 34 | 31 | 29 | 28 | 27 | 29 | 38 |
| 24 | 28 | 24 | 24 | 24 | 21 | 22 | 24 | 26 | 29 | 31 | 34 | 34 | 35 | 36 | 37 | 38 | 35 | 35 | 35 | 32 | 30 | 30 | 29 | 28 | 30 | 38 |
| 25 | 26 | 25 | 24 | 24 | 23 | 23 | 24 | 27 | 28 | 29 | 30 | 33 | 33 | 31 | 29 | 24 | 22 | 22 | 21 | 20 | 21 | 20 | 20 | 19 | 25 | 33 |
| 26 | 17 | 16 | 16 | 16 | 16 | 16 | 16 | 17 | 20 | 21 | 24 | 25 | 29 | 30 | 32 | 32 | 32 | 32 | 32 | 30 | 28 | 26 | 26 | 26 | 24 | 32 |
| 27 | 25 | 23 | 22 | 21 | 19 | 18 | 21 | 24 | 27 | 30 | 34 | 34 | 34 | 34 | 35 | 35 | 34 | 32 | 31 | 29 | 25 | 23 | 22 | 20 | 27 | 35 |
| 28 | 24 | 22 | 21 | 21 | 20 | 19 | 21 | 25 | 28 | 31 | 34 | 36 | 36 | 36 | 34 | 34 | 34 | 34 | 33 | 30 | 28 | 26 | 26 | 25 | 28 | 36 |
| 29 | 23 | 22 | 21 | 21 | 20 | 20 | 22 | 24 | 29 | 31 | 34 | 35 | 36 | 33 | 35 | 34 | 35 | 35 | 34 | 32 | 31 | 30 | 29 | 29 | 29 | 36 |
| 30 | 28 | 27 | 26 | 25 | 22 | 23 | 26 | 28 | 30 | 31 | 34 | 36 | 35 | 36 | 36 | 36 | 37 | 35 | 32 | 30 | 28 | 27 | 25 | 24 | 30 | 37 |
| 31 | 23 | 23 | 22 | 21 | 20 | 19 | 21 | 24 | 24 | 26 | 27 | 30 | 31 | 32 | 33 | 33 | 32 | 27 | 26 | 26 | 22 | 19 | 17 | 17 | 25 | 33 |
| AV | 24 | 23 | 22 | 21 | 20 | 20 | 22 | 24 | 27 | 29 | 32 | 33 | 35 | 35 | 35 | 35 | 34 | 34 | 33 | 30 | 28 | 27 | 25 | 24 | 28 | [ ] |
| SD | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 3 | 3 | 4 | 4 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | [ ] |

OUTPT [VERSION N 28 JUL 76]

WEATHER LOG

Month May Year 1976 Project UTAH - Oil Shale

| | 1000 Hrs. | | | 1600 Hrs. | | | | |
|---|---|---|---|---|---|---|---|---|
| Day | Sky | Precip. | Ground | Sky | Precip. | Ground | Comments | By |
| 1 | O | — | Dry | O | — | Dry | | |
| 2 | O | — | Dry | O | — | Dry | | |
| 3 | Cu ⊘ L | — | Dry | Cu ⊕ L | — | Dry | | |
| 4 | Cu ⊘ L | — | Dry | Cu ⊕ L | Lt Rain | Damp | | |
| 5 | Cu ⊘ L | — | Dry | Cu ⊘ L | — | Dry | | |
| 6 | Cu ⊕ L | Lt Rain | Wet | Cu ⊕ L | Lt Rain | Wet | Rain Overnight | |
| 7 | Cu ⊕ L | Rain | Wet | Cu ⊕ L | Rain | Wet | Rain Overnight | |
| 8 | Cu ⊕ L | Rain | Wet | Cu ⊕ L | Rain | Wet | " " | |
| 9 | Cu ⊘ L | — | Wet | Cu ⊘ L | — | Dry | | |
| 10 | O | — | Dry | Cu ⊘ L | — | Dry | | |
| 11 | O | — | Dry | Cu ⊘ L | — | Dry | | |
| 12 | O | — | Dry | O | — | Dry | | |
| 13 | O | — | Dry | O | — | Dry | | |
| 14 | O | — | Dry | O | — | Dry | | |
| 15 | Cu ⊘ L | — | Dry | Cu ⊘ L | — | Dry | | |
| 16 | O | — | Dry | O | — | Dry | | |
| 17 | O | — | Dry | O | — | Dry | | |
| 18 | O | — | Dry | O | — | Dry | | |
| 19 | Cu ⊘ L | — | Dry | Cu ⊕ L | — | Dry | | |
| 20 | Ci ⊕ h | — | Damp | Cu ⊕ L | — | Dry | Lt Rain Overnight | |
| 21 | Cu ⊕ L | — | Dry | Cu ⊕ L | Lt Rain | Wet | | |
| 22 | Cu ⊘ L | — | Wet | Cu ⊕ L | Rain | Muddy | Lt Rain Overnight | |
| 23 | Cu ⊘ L | — | Wet | Cu ⊘ L | — | Wet | Rain Overnight | |
| 24 | Cu ⊘ L | — | Damp | Cu ⊕ L | — | Dry | | |
| 25 | Cu ⊘ L | — | Dry | Cu ⊕ L | Lt Rain | Wet | | |
| 26 | O | — | Dry | O | — | Dry | | |
| 27 | O | — | Dry | Cu ⊘ L | — | Dry | | |
| 28 | Cu ⊘ L | — | Dry | Cu ⊘ L | — | Dry | | |
| 29 | Cu ⊘ L | — | Dry | Cu ⊘ L | — | Dry | | |
| 30 | Cu ⊕ L | — | Dry | Cu ⊘ L | — | Dry | | |
| 31 | O | — | Dry | Cu ⊘ L | — | Dry | | |

Key: Sky: O Clear; ⊘ Scattered (10-60%), ⊘ Broken (60-90%), ⊕ Overcast, Cu Cumulus Ci Cirrus, S Stratus, N Nimbus, - thin, ℓ low, h high.

Precipitation: R Rain, S Snow, + Heavy, - Light.

Ground: Wet or dry, frosty, snow depth, etc.

Comments: Fog, blowing sand or snow, ice, etc. Note observation time.

ALL TIMES ARE STANDARD TIME

039-WL-P-16
AV-F-F026

# WEATHER LOG

Month June Year 76 Project White River Oil Shale

| | 1000 Hrs. | | | 1600 Hrs. | | | | |
|---|---|---|---|---|---|---|---|---|
| Day | Sky | Precip. | Ground | Sky | Precip. | Ground | Comments | By |
| 1 | Cu ⊘ h | — | Dry | Cu ⊘ L | — | Dry | | |
| 2 | Cu ⊘ L | — | Dry | Cu ⊘ L | — | Dry | | |
| 3 | Ci ⊘ h | — | Dry | Ci ⊘ h | — | Dry | | |
| 4 | O | — | Dry | Cu ⊘ L | — | Dry | | |
| 5 | O | — | Dry | Cu ⊘ L | — | Dry | | |
| 6 | Ci ⊘ h | — | Dry | Cu ⊘ L | — | Dry | | |
| 7 | O | — | Dry | Cu ⊘ L | — | Dry | | |
| 8 | Cu ⊘ L | — | Dry | Cu ⊘ L | — | Dry | | |
| 9 | O | — | Dry | O | — | Dry | | |
| 10 | O | — | Dry | Cu ⊘ L | — | Dry | | |
| 11 | Cu ⊘ L | — | Dry | Cu ⊘ L | — | Dry | | |
| 12 | Cu ⊘ L | — | Dry | Cu ⊘ L | — | Dry | | |
| 13 | Cu ⊕ L | — | Dry | Cu ⊕ L | Lt Rain | wet | | |
| 14 | O | — | wet | O | — | wet | 1½" Snow Overnight | |
| 15 | Ci ⊘ h | — | Dry | Cu ⊘ h | — | Dry | | |
| 16 | Cu ⊕ L | — | Dry | Cu ⊕ L | — | Dry | | |
| 17 | Cu ⊘ L | — | Dry | Cu ⊘ L | — | Dry | Lt Rain Overnight | |
| 18 | Cu ⊘ L | — | Dry | O | — | Dry | | |
| 19 | O | — | Dry | Ci ⊘ h | — | Dry | | |
| 20 | Cu ⊘ h | — | Dry | O | — | Dry | | |
| 21 | O | — | Dry | Cu ⊘ L | — | Dry | | |
| 22 | Cu ⊕ L | Rain | wet | Cu ⊕ L | Rain | Muddy | Heavy thundershowers + Hail | |
| 23 | Cu ⊘ L | — | wet | Cu ⊘ L | — | Dry | | |
| 24 | O | — | Dry | Cu ⊘ L | — | Dry | | |
| 25 | O | — | Dry | Cu ⊘ L | — | Dry | | |
| 26 | O | — | Dry | O | — | Dry | | |
| 27 | O | — | Dry | Cu ⊘ L | — | Dry | | |
| 28 | O | — | Dry | O | — | Dry | | |
| 29 | Cu ⊘ L | — | Dry | Cu ⊘ L | — | Dry | | |
| 30 | Cu ⊘ L | — | Dry | Cu ⊘ L | — | Dry | | |
| 31 | | | | | | | | |

Key: Sky: O Clear; ⊙ Scattered (10-60%), ⊘ Broken (60-90%), ⊖ Overcast, Cu Cumulus Ci Cirrus, S Stratus, N Nimbus, - thin, ℓ low, h high.

Precipitation: R Rain, S Snow, + Heavy, - Light.

Ground: Wet or dry, frosty, snow depth, etc.

Comments: Fog, blowing sand or snow, ice, etc. Note observation time.

ALL TIMES ARE STANDARD TIME

AV-F-F026

# WEATHER LOG

Month July Year 1976 Project White River Oil Shale

| | 1000 Hrs. | | | 1600 Hrs. | | | | |
|---|---|---|---|---|---|---|---|---|
| Day | Sky | Precip. | Ground | Sky | Precip. | Ground | Comments | By |
| 1 | Cu ⊘ L | — | Dry | Cu ⊘ L | Lt Rain | Damp | Scattered Showers + Hail all Afternoon | |
| 2 | Cu ⊘ L | — | Dry | Cu ⊘ L | — | Dry | | |
| 3 | O | — | Dry | Cu ⊘ L | — | Dry | | |
| 4 | O | — | Dry | O | — | Dry | | |
| 5 | O | — | Dry | Cu ⊘ L | — | Dry | | |
| 6 | Cu ⊘ L | — | Dry | Cu ⊘ L | — | Dry | Scattered Showers Afternoon | |
| 7 | Cu ⊘ L | — | Dry | Cu ⊘ L | — | Dry | Scattered Showers Afternoon | |
| 8 | O | — | Dry | Cu ⊘ L | — | Dry | | |
| 9 | O | — | Dry | Cu ⊘ L | — | Dry | | |
| 10 | Cu ⊘ L | — | Dry | Cu ⊘ L | — | Dry | | |
| 11 | O | — | Dry | Cu ⊘ L | — | Dry | | |
| 12 | O | — | Dry | Cu ⊘ L | — | Dry | | |
| 13 | Cu ⊘ L | — | Dry | Cu ⊘ L | — | Dry | | |
| 14 | O | — | Dry | Cu ⊘ L | — | Dry | | |
| 15 | O | — | Dry | Cu ⊘ L | — | Dry | | |
| 16 | Cu ⊘ L | — | Dry | Cu ⊘ L | — | Dry | | |
| 17 | Cu ⊘ L | — | Dry | Cu ⊘ L | — | Dry | | |
| 18 | Cu ⊕ L | Lt Rain | Wet | Cu ⊘ L | — | Wet | Rain Last Night | |
| 19 | Cu ⊘ L | — | Dry | Cu ⊘ | — | Dry | | |
| 20 | Cu ⊘ L | — | Dry | Cu ⊕ L | — | Dry | | |
| 21 | O | — | Dry | Cu ⊘ L | — | Dry | | |
| 22 | O | — | Dry | Cu ⊕ L | — | Dry | Scattered Showers | |
| 23 | O | — | Dry | Cu ⊘ L | — | Dry | | |
| 24 | O | — | Dry | Cu ⊘ L | — | Dry | | |
| 25 | Cu ⊘ L | — | Dry | Cu ⊘ L | Lt Rain | Wet | | |
| 26 | O | — | Dry | Cu ⊘ L | — | Dry | | |
| 27 | O | — | Dry | Cu ⊘ L | — | Dry | | |
| 28 | Cu ⊘ L | — | Dry | Cu ⊘ L | — | Dry | | |
| 29 | O | — | Dry | Cu ⊘ L | — | Dry | Scattered Showers | |
| 30 | Cu ⊘ L | — | Dry | Cu ⊕ L | — | Dry | | |
| 31 | Cu ⊘ L | — | Damp | Cu ⊕ L | — | Dry | Lt Rain Overnight | |

Key: Sky: O Clear; ⊘ Scattered (10-60%), ⊘ Broken (60-90%), ⊕ Overcast, Cu Cumulus Ci Cirrus, S Stratus, N Nimbus, - thin, l low, h high.

Precipitation: R Rain, S Snow, + Heavy, - Light.

Ground: Wet or dry, frosty, snow depth, etc.

Comments: Fog, blowing sand or snow, ice, etc. Note observation time.
ALL TIMES ARE STANDARD TIME

AV-F-F026

B. Air Quality

Preliminary Submission

# AIR QUALITY DATA

# PROTOTYPE OIL SHALE LEASE TRACTS Ua AND Ub

1 MAY 1976 - 31 JULY 1976

Submitted 24 September 1976

AeroVironment Inc.
145 North Vista Avenue
Pasadena, California 91107

## PREFACE

This volume is the eighth quarterly submission of data acquired during the air quality/meteorology/radiology portions of the environmental baseline monitoring program for oil shale tracts Ua and Ub. The quarter covered runs from 1 May 1976 through 31 July 1976.

This data is a preliminary submission and is subject to some editorial and technical changes. A final data submission will follow.

The data presented herein appears in two volumes:

Volume I - Meteorology

A. Data Tabulations for all sites, in order by site number

1. Wind Speed, WS, 10 m, 20 m, 30 m
2. Wind Direction, WD, 10 m, 20 m, 30 m
3. Temperature, T
4. Lapse Rate, $\Delta T$, between 10-30 m
5. Root-mean-square variation in wind direction, $\sigma\theta$
6. Root-mean-square variation in vertical wind speed, $\sigma w$
7. Solar Radiation, SR
8. Barometric Pressure, BP
9. Dewpoint, DPT
10. Relative Humidity, RH

B. Miscellaneous Data

1. Weather Log

Volume II - Air Quality

A. In order of site number.

1. Total Sulfur, TS
2. Hydrogen Sulfide, $H_2S$
3. Sulfur Dioxide, $SO_2$
4. Total Hydrocarbons, THC, expressed as $\mu g/m^3$ of $CH_4$
5. Methane, $CH_4$
6. Hydrocarbons (methane-reduced), HC = THC-$CH_4$, expressed as $\mu g/m^3$ of $CH_4$
7. Carbon Monoxide, CO
8. Nitrogen Oxides, $NO_x$, expressed as $\mu g/m^3$ of $NO_2$
9. Nitric Oxide, NO
10. Nitrogen Dioxide, $NO_2 = (NO_x - NO)$
11. Ozone
12. Scattering coefficient, $b_s$
13. Local Visual Range, $L_v$, derived from $b_s$
14. Coefficient of Haze, COH

B. Miscellaneous Data

1. High Volume Sampler, suspended particulates
2. Radiation measurements by the high pressure ion chamber (rotated among all 12 sites)
3. Radiation Survey
4. Radiation Dosage by Thermo-Luminescent Dosimetry
5. Gross Radiation of Particulates
6. Trace metals
7. Noise Survey (begins April 1975)

Not all sites measure all of these parameters.

The data tabulations contain average values for each day, and the peak hourly average for the day. Along the bottom, the average for each hour, averaged over the month, is compiled [1]. Air Quality data is given in $\mu g/m^3$ usually, with values for $NO_x$ computed on the basis of the molecular weight of $NO_2$ and those for HC and THC based on the molecular weight for $CH_4$.

On the wind direction sheets, "PV" and "PREV" indicate prevailing wind direction divided into 16 sectors with a "1" indicating a prevailing direction between 348.5 and 11.0 degrees, a "2" corresponding to 11.5 to 34.0 degrees, and so forth, i.e., a "1" indicates wind from the 22.5° sector centered on N, a "2" indicates winds generally from the NNE, a "3" from the NE, etc.

Symbols used on the data sheets are:

CA - Calibration

MT - Maintenance (changing paper, tape, filters)

FO - Flame out (on the gas chromatographs)

IM - Instrument malfunction, not discovered until after data had been collected.

PF - Power Failure (generator failure)

RF - Recording system failure (chart jams, runs out, tape punch fails)

LI - Local Interference (car nearby, contamination by generator)

OS - Off scale (at top of chart, data presumed good)

SE - Special experiment (instrument off-line for bag sample analysis or removed for special measurements in area)

VA - Variable wind direction

OR - Out for repair (Instrument problem has been recognized and the instrument is no longer sampling while being repaired.) Effective as of November, 1975.

# MONTHLY COMPONENT SHEET KEY

Component

Units of Data

CARBON MONOXIDE
(MILLIGRAMS/CU. METER)

Project location

Air Quality site number (see map for locations)

Monthly period which the data covers.

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

DECEMBER,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 12 APR 76

SUBJECT TO
REVISION

Date that the data was printed.

Changes may still be made to data based on later input.

Beginning hour in Local Standard Time (never Daylight Savings Time). Thus the hourly average under "02" occurred during the period 0200 to 0300.

CLOCK HOUR (LOCAL STANDARD TIME)

Day of the month.

| DAY | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | .0 | .1 | .0 | 0 | .0 | .1 | .0 | .1 | .1 | .2 | .1 | .1 | .0 | .0 | .0 | .1 | .1 | .1 | .1 | .0 | .0 | .0 | .1 | .0 | .1 | .2 |
| 2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .1 | .0 | .0 | .0 | .1 | .2 | .2 | .2 | .3 | .2 | .1 | .1 | .1 | .1 | .0 | .1 | .0 | .1 | .2 |
| 3 | .0 | .0 | .0 | .0 | .1 | .0 | .0 | .1 | .0 | .0 [CA] | .0 | .1 | .0 | .1 | .2 | .1 | .1 | .1 | .1 | .1 | .1 | .0 | .0 | .0 | .0 | .2 |
| 4 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | .1 | .0 | .0 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .1 | .1 | .0 | .0 | .1 | .0 | .1 |
| 5 | .1 | .0 | .0 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | .1 | .1 | .1 | .1 | .1 | .1 | .0 | .0 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 |
| 6 | .1 | .1 | .1 | .1 | .0 | .1 | .0 | .0 | .0 | .1 | .1 [CA] | .1 | .2 | .1 | .1 | .0 | .1 | .1 | .1 | .1 | .0 | .0 | .0 | .1 | .1 | .2 |
| 7 | .0 | .0 | .0 | .0 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .0 | .1 | .0 | .0 | .1 | .0 | .1 |
| 8 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .1 | .1 | .1 | .1 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .1 |
| 9 | .0 | .0 | .1 | .0 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .1 | .0 | .0 | .1 | .0 | .1 | .0 | .1 | .0 | .0 | .0 | .1 |
| 10 | .1 | .1 | .0 | .1 | .1 | .1 | .1 | .1 | .0 | .1 | .0 | .1 | .1 | .0 | .1 | .0 | .0 | .0 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 |
| 11 | .0 | .0 | .0 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .1 | .1 | .0 | .0 | .0 | .0 | .1 | .0 | .0 | .0 | .0 | .1 | .0 | .1 |
| 12 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .1 | .0 | .0 | .1 | .0 | .0 | .0 | .1 | .0 | .1 |
| 13 | .0 | .0 | .1 | .1 | .1 | .0 | .1 | .1 | .1 | .0 | .0 | .1 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .1 | .1 | .0 | .0 | .1 |
| 14 | .0 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .1 | .1 | .0 | .0 | .0 | .0 | .1 |
| 15 | .1 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 [CA] | .1 | .0 | .1 | .1 | .1 | .0 | .0 | .1 | .2 | .0 | .1 | .1 | .1 | .4 |
| 16 | .0 | .1 | .1 | .0 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .0 | .0 | .1 | .0 | .1 | .1 | .1 | .3 |
| 17 | .1 | .1 | .0 | .0 | .1 | .0 | .0 | .0 | .1 | .1 | .0 | .0 | .0 | .0 | .1 | .1 | .1 | .1 | .1 | .1 | .0 | .0 | .0 | .1 | .0 | .1 |
| 18 | .1 | .1 | .0 | .1 | .1 | .0 | .0 | .1 | .0 | .1 | .0 | .1 | .0 | .0 [CA] | [CA] | [IN] | [IN] | [IN] | [IN] | [IN] | [IN] | [IN] | [IN] | [IN] | .1 | .1 |
| 19 | [IN] | [IN] | [IN] | [IN] | [IN] | [IN] | [IN] | [IN] | [IN] | [IN] | [IN] | [IN] | [IN] | [CA] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] |
| 20 | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] |
| 21 | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | .0 | .0 | .0 | .2 | .3 | .1 | .0 | .0 | .0 | .0 | .1 | .3 |
| 22 | .0 | .3 | .3 | .4 | .1 | .1 | .4 | .4 | .6 | .3 | .4 | .4 | .4 | .3 | .2 | .3 | .3 | .3 | .3 | .4 | .4 | .3 | .6 | .4 | .3 | .6 |
| 23 | .3 | .4 | .2 | .2 | .2 | .2 | .3 | .3 | .4 | .3 | .3 | .3 | .0 | .3 | .4 | .3 | .3 | .4 | .4 | .3 | .4 | .4 | .2 | .3 | .3 | .4 |
| 24 | .4 | .4 | .2 | .4 | .4 | .1 | .3 | .4 | .2 | .4 | .3 | .0 | .2 | .4 | .2 | .3 | .3 | .3 | .3 | .1 | .1 | .3 | .4 | .4 | .3 | .4 |
| 25 | .4 | .4 | .4 | .4 | .3 | .2 | .1 | .3 | .4 | .4 | .4 | .4 | .2 | .2 | .3 | .3 | .3 | .3 | .4 | .4 | .2 | .3 | .2 | .1 | .3 | .4 |
| 26 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .1 | .4 | .4 | .1 | .2 | .0 | .3 | .4 | .1 | .0 | .0 | .0 | .2 | .1 | .4 |
| 27 | .1 | .4 | .4 | .4 | .3 | .2 | .4 | .4 | .3 | .2 | .4 | .4 | .0 | .0 | .3 | .3 | .3 | .3 | .2 | .1 | .3 | .3 | .3 | .3 | .3 | .4 |
| 28 | .3 | .3 | .3 | .3 | .4 | .0 | .4 | .3 | .3 | .4 | .4 | .4 | .4 | .3 | .3 | .2 | .3 | .3 | .2 | .3 | .3 | .4 | .1 | .2 | .3 | .4 |
| 29 | .2 | .4 | .3 | .0 | .3 | .2 | .4 | .4 | .4 | .4 | .4 | .4 | .3 | .3 | .0 | .2 | .1 | .3 | .1 | .2 | .2 | .4 | .4 | .4 | .3 | .4 |
| 30 | .4 | .4 | .4 | .4 | .3 | .2 | .4 | .1 | .0 | .0 [CA] | .0 | .1 | .1 | .4 | .2 | .2 | .3 | .1 | .2 | .2 | .2 | .2 | .3 | .2 | .2 | .4 |
| 31 | .0 | .2 | .3 | .3 | .1 | .0 | .0 | .1 | .3 | .3 | .2 | .3 | .3 | .3 | .0 | .2 | .3 | .2 | .2 | .1 | .1 | .3 | .2 | .0 | .2 | .3 |
| AV | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .2 | .1 | .1 | .1 | .1 | .1 | .2 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 |
| SD | .1 | .2 | .1 | .2 | .1 | .1 | .2 | .1 | .2 | .2 | .2 | .3 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .2 | .1 | .1 |

Highest hourly average for each day.

Daily average of all hourly averages

Letters indicate reasons for missing data (see abbreviation table).

Monthly averages of each hour.

Standard deviation of values from the averages.

SCATTERING COEFFICIENT
(1/(1000 M))

WHITE RIVER SHALE PROJECT,UTAH

SITE # 2

MAY,1978

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 20/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DAY | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | .04 | .04 | .04 | .03 | .05 | .05 | .04 | .06 | .05 | .04 | .04 | .05 | .04 | .04 | .04 | .04 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .04 | .06 |
| 2 | .03 | .03 | .03 | .04 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .02 | .02 | .02 | .02 | .02 | .02 | .03 | .03 | .03 | .03 | .03 | .04 |
| 3 | .03 | .03 | .03 | .04 | .03 | .03 | .04 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .02 | .02 | .02 | .03 | .03 | .03 | .02 | .03 | .03 | .03 | .03 | .04 |
| 4 | .03 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .03 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .05 | .04 | .04 |
| 5 | .04 | .04 | .04 | .04 | .04 | .05 | .05 | .05 | .04 | .04 | .03 | .03 | .02 | .03 | .02 | .03 | .03 | .03 | .03 | .02 | .02 | .03 | .03 | .03 | .03 | .05 |
| 6 | .03 | .04 | .03 | .03 | .04 | .04 | .04 | .04 | .04 | .04 | .03 | .03 | .03 | .03 | .02 | .02 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .04 |
| 7 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .05 |
| 8 | .04 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .04 | .04 | .03 | .03 | .03 | .03 | .02 | .02 | .02 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .04 |
| 9 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .04 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .04 |
| 10 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .04 | .04 | .04 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 |
| 11 | .03 | .04 | .03 | .04 | .04 | .04 | .04 | .04 | .04 | .03 | .03 | .03 | .03 | .03 | .04 | .04 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .04 |
| 12 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .04 | .04 | .03 | .03 | .03 | .04 | .03 | .04 |
| 13 | .04 | .04 | .04 | .03 | .04 | .03 | .04 | .04 | .04 | .04 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .02 | .02 | .03 | .03 | .03 | .04 |
| 14 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .02 | .02 | .02 | .01 | .01 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .03 |
| 15 | .02 | .03 | .04 | .04 | .04 | .03 | .03 | .03 | .02 | .02 | .03 | .03 | .03 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .03 | .03 | .03 | .03 | .04 |
| 16 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 |
| 17 | .03 | .03 | .04 | .04 | .04 | .04 | .04 | .04 | .03 | .03 | .03 | .03 | .03 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 |
| 18 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .04 | .05 |
| 19 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .04 | .04 | .03 | .04 | .04 | .04 | .04 | .04 | .03 | .05 | .05 |
| 20 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .04 | .04 | .03 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .05 |
| 21 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .05 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .03 | .04 | .05 |
| 22 | .03 | .04 | .04 | .03 | .03 | .03 | .03 | .04 | .04 | .03 | .03 | .03 | .04 | .04 | .04 | .04 | .04 | .04 | .03 | .03 | .03 | .03 | .04 | .04 | .03 | .04 |
| 23 | .04 | .04 | .04 | .04 | .04 | .04 | .05 | .04 | .04 | .04 | .04 | .04 | .03 | .03 | .03 | .03 | .03 | .03 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .05 |
| 24 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .03 | .03 | .04 | .04 | .03 | .04 | .04 | .04 | .04 |
| 25 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .03 | .03 | .04 | .04 | .04 | .04 | .03 | .04 | .04 | .04 | .04 | .04 |
| 26 | .04 | .04 | .04 | .04 | .04 | .05 | .05 | .04 | .04 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .05 |
| 27 | .03 | .04 | .04 | .04 | .03 | .04 | .04 | .04 | .04 | .03 | .04 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .02 | .02 | .03 | .03 | .03 | .03 | .03 | .04 |
| 28 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 |
| 29 | .04 | .04 | .04 | .04 | .04 | .05 | .04 | .04 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .05 |
| 30 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .03 | .03 | .04 | .04 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .04 | .04 |
| 31 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .03 | .03 | .03 | .03 | .04 | .04 | .04 | .04 | .03 | .03 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 |
| AV | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .03 | .03 | .04 | .04 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .04 | [ ] |
| SD | .03 | .01 | .01 | .01 | .01 | .01 | .01 | .03 | .03 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | [ ] |

SCATTERING COEFFICIENT
(1/(1000 M))

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JUNE,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 20/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DAY | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .03 | .04 | .04 | .05 | .04 | .04 | .04 | .03 | .04 | .03 | .04 | .04 | .03 | .03 | .03 | .03 | .04 | .07 |
| 2 | .03 | .04 | .03 | .04 | .04 | .03 | .04 | .04 | .04 | .04 | .04 | .04 | .03 | .03 | .03 | .03 | .03 | .04 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .04 |
| 3 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .04 | .04 | .04 | .04 | .04 | .04 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .04 |
| 4 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .04 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .05 |
| 5 | .03 | .03 | .03 | .03 | .03 | .04 | .04 | .03 | .03 | .04 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .04 |
| 6 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .05 | .05 | .04 | .04 | .04 | .04 | .04 | .04 | .05 | .04 | .04 | .04 | .04 | .04 | .04 | .05 |
| 7 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .05 | .05 | .05 | .05 | .04 | .05 | .05 | .04 | .05 |
| 8 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .04 | .04 | .04 | .04 | .04 | .04 | .05 | .05 |
| 9 | .05 | .05 | .05 | .04 | .05 | .05 | .05 | .05 | .04 | .04 | .04 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .04 | .05 |
| 10 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .04 | .04 | .05 | .04 | .05 | .07 | .05 | .06 | .03 | .04 | .04 | .07 |
| 11 | .04 | .04 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .02 | .02 | .03 | .04 |
| 12 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .04 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .09 |
| 13 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .04 | .03 | .03 | .03 | .04 | .04 | .04 | .02 | .03 | .03 | .03 | .03 | .03 | .04 |
| 14 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .04 |
| 15 | .03 | .04 | .03 | .04 | .05 | .05 | .05 | .05 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .02 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .05 |
| 16 | .03 | .03 | .03 | .03 | .03 | .02 | .04 | .03 | .03 | .03 | .03 | .04 | .03 | .03 | .04 | .03 | .06 | .04 | .03 | .05 | .04 | .04 | .03 | .03 | .04 | .06 |
| 17 | .03 | .03 | .03 | .03 | .03 | .04 | .04 | .03 | .03 | .03 | .03 | .04 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .04 |
| 18 | .03 | .03 | .03 | .03 | .03 | .04 | .04 | .04 | .03 | .03 | .03 | .02 | .02 | .03 | .03 | .03 | .04 | .03 | .03 | .03 | .03 | .04 | .03 | .03 | .03 | .04 |
| 19 | .03 | .03 | .03 | .03 | .03 | .04 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .04 | .03 | .03 | .04 |
| 20 | .03 | .03 | .03 | .03 | .03 | .03 | .04 | .04 | .03 | .03 | .03 | .03 | .04 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .04 | .03 | .03 | .04 |
| 21 | .04 | .04 | .04 | .03 | .03 | .03 | .04 | .04 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .04 | .04 | .03 | .04 |
| 22 | .04 | .04 | .04 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .04 | .04 | .04 | .04 | .04 | .04 | .03 | .04 | .03 | .04 | .04 | .04 | .04 | .03 | .04 | .04 |
| 23 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .04 |
| 24 | .03 | .03 | .04 | .04 | .04 | .05 | .05 | .04 | .04 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .05 |
| 25 | .03 | .03 | .03 | .03 | .03 | .03 | .04 | .04 | .03 | .03 | .03 | .03 | .04 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .04 |
| 26 | .03 | .03 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .04 | .03 | .03 | .03 | .04 |
| 27 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 |
| 28 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .05 | .05 | .05 | .04 | .05 |
| 29 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .05 | .04 | .05 |
| 30 | .05 | .06 | .05 | .06 | .06 | .06 | .06 | .06 | .05 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .05 | .05 | .05 | .05 | .05 | .04 | .04 | .04 | .05 | .06 |
| 31 | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] |
| AV | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .04 | .04 | .03 | .04 | .03 | .04 | .03 | .03 | .04 | [ ] |
| SD | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .00 | [ ] |

SCATTERING COEFFICIENT
(1/(1+60 M))

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JULY,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 20/SEP/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .05 | .05 | .06 | .06 | .06 | .06 | .06 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .06 |
| 2 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .04 | .04 | .04 | .04 | .04 | .04 | .05 | .05 | .06 | .06 | .05 | .06 |
| 3 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .06 | .05 | .04 | .04 | .04 | .04 | .05 | .06 |
| 4 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .05 | .05 | .04 | .04 | .04 | .04 | .04 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .04 | .05 |
| 5 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .05 | .04 | .05 | .04 | .05 |
| 6 | .04 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .04 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 |
| 7 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .04 | .05 | .05 | .05 | .05 | .04 | .04 | .05 | .05 |
| 8 | .04 | .04 | .04 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 |
| 9 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 |
| 10 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .06 | .06 | .06 | .06 | .05 | .05 | .06 | .06 | .06 | .05 | .05 | .05 | .05 | .05 | .06 |
| 11 | .05 | .05 | .05 | .05 | .04 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .04 | .05 | .05 | .05 | .05 | .05 | .05 | .06 | .05 | .06 |
| 12 | .06 | .06 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .04 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .06 |
| 13 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .05 |
| 14 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 |
| 15 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .05 | .05 | .04 | .04 | .04 | .04 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .04 | .05 |
| 16 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .05 | .04 | .03 | .04 | .05 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .05 |
| 17 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .05 | .05 | .04 | .04 | .04 | .05 | .04 | .05 |
| 18 | .05 | .05 | .05 | .05 | .05 | .05 | .06 | .06 | .07 | .07 | .07 | .07 | .07 | .06 | .06 | .05 | .04 | .05 | .04 | .05 | .04 | .05 | .04 | .04 | .05 | .07 |
| 19 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .04 | .04 | .05 | .05 | .04 | .05 | .05 |
| 20 | .05 | .05 | .05 | .05 | .05 | .04 | .04 | .04 | .04 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .04 | .04 | .04 | .04 | .04 | .05 | .05 | .05 | .05 | .04 |
| 21 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .05 | .05 | .05 | .05 | .05 |
| 22 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .04 | .04 | .04 | .04 | .04 | .04 | .05 | .05 | .05 | .05 | .05 | .05 |
| 23 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .05 | .05 |
| 24 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 |
| 25 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 |
| 26 | .05 | .05 | .05 | .05 | .05 | .04 | .05 | .05 | .05 | .05 | .05 | .04 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .04 | .05 | .05 | .05 | .05 |
| 27 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .05 |
| 28 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .05 | .05 | .05 | .05 | .05 | .05 |
| 29 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .05 | .05 |
| 30 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .04 | .04 | .04 | .05 | .05 |
| 31 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .05 | .04 | .04 | .04 | .04 | .04 | .04 | .05 | .05 | .04 | .03 | .03 | .03 | .03 | .04 | .05 |
| AV | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .05 | [ ] |
| SD | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .00 | [ ] |

LOCAL VISUAL RANGE
(KILOMETERS)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

MAY,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 19/SEP/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 118 | 118 | 118 | 94 | 94 | 94 | 94 | 76 | 94 | 118 | 118 | 157 | 118 | 118 | 118 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 128 | 157 |
| 2 | 157 | 157 | 157 | 118 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 235 | 235 | 235 | 235 | 235 | 235 | 157 | 157 | 157 | 157 | 175 | 235 |
| 3 | 157 | 157 | 157 | 118 | 157 | 157 | 118 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 235 | 235 | 235 | 157 | 157 | 157 | 235 | 157 | 157 | 157 | 167 | 235 |
| 4 | 157 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 157 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 121 | 157 |
| 5 | 118 | 118 | 118 | 118 | 118 | 94 | 94 | 94 | 118 | 118 | 157 | 157 | 235 | 157 | 235 | 157 | 157 | 157 | 157 | 235 | 235 | 157 | 157 | 157 | 151 | 235 |
| 6 | 157 | 118 | 157 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 157 | 157 | 157 | 157 | 235 | 235 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 151 | 235 |
| 7 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 118 | 94 | 94 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 133 | 157 |
| 8 | 118 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 118 | 118 | 157 | 157 | 157 | 157 | 235 | 235 | 235 | 157 | 157 | 157 | 157 | 157 | 157 | 162 | 235 |
| 9 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 118 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 155 | 157 |
| 10 | 157 | 157 | 157 | 157 | 157 | 94 | 157 | 118 | 118 | 118 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 150 | 157 |
| 11 | 157 | 118 | 157 | 118 | 118 | 118 | 118 | 118 | 118 | 157 | 157 | 157 | 157 | 157 | 118 | 118 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 142 | 157 |
| 12 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 118 | 118 | 157 | 157 | 118 | 118 | 151 | 157 |
| 13 | 118 | 118 | 118 | 118 | 118 | 94 | 118 | 118 | 118 | 118 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 235 | [illegible] | 157 | 157 | 142 | 235 |
| 14 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 235 | 235 | 235 | 470 | 470 | 235 | 235 | 235 | 235 | 235 | 235 | 212 | 470 |
| 15 | 235 | 157 | 118 | 118 | 118 | 157 | 157 | 157 | 235 | 235 | 157 | 157 | 157 | 235 | 235 | 235 | 235 | 235 | 235 | 235 | 235 | 157 | 157 | 157 | 188 | 235 |
| 16 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 |
| 17 | 157 | 157 | 118 | 118 | 118 | 118 | 118 | 118 | 157 | 157 | 157 | 157 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 128 | 157 |
| 18 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 110 | 118 |
| 19 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 118 | 118 | 118 | 94 | 118 | 94 | 118 | 118 | 118 | 94 | 101 | 118 |
| 20 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 118 | 118 | 157 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 108 | 157 |
| 21 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 94 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 157 | 119 | 157 |
| 22 | 157 | 118 | 157 | 157 | 157 | 157 | 157 | 118 | 118 | 157 | 157 | 157 | 118 | 118 | 118 | 118 | 118 | 157 | 157 | 157 | 157 | 157 | 118 | 118 | 141 | 157 |
| 23 | 118 | 118 | 118 | 118 | 118 | 118 | 94 | 118 | 118 | 118 | 118 | 118 | 118 | 157 | 157 | 157 | 157 | 157 | 118 | 118 | 118 | 118 | 118 | 118 | 125 | 157 |
| 24 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 157 | 118 | 118 | 157 | 157 | 118 | 118 | 157 | 118 | 118 | 124 | 157 |
| 25 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 157 | 157 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 121 | 157 |
| 26 | 118 | 118 | 118 | 118 | 118 | 94 | 94 | 118 | 118 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 140 | 157 |
| 27 | 157 | 118 | 118 | 118 | 157 | 118 | 118 | 118 | 157 | 118 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 235 | 235 | 157 | 157 | 157 | 157 | 152 | 235 |
| 28 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 136 | 157 |
| 29 | 118 | 118 | 118 | 118 | 118 | 94 | 118 | 118 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 109 | 118 |
| 30 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 157 | 157 | 118 | 118 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 139 | 157 |
| 31 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 157 | 157 | 118 | 118 | 118 | 118 | 157 | 157 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 124 | 157 |
| AV | 139 | 132 | 133 | 127 | 131 | 126 | 127 | 127 | 133 | 136 | 141 | 138 | 137 | 142 | 154 | 155 | 161 | 159 | 150 | 150 | 152 | 143 | 140 | 140 | 141 | [ ] |
| SD | 20 | 21 | 21 | 20 | 22 | 25 | 24 | 23 | 29 | 29 | 25 | 25 | 24 | 33 | 48 | 43 | 68 | 67 | 38 | 42 | 41 | 27 | 27 | 28 | 24 | [ ] |

OUTPT (VERSION N 28 JUL 76)

LOCAL VISUAL RANGE
(KILOMETERS)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JUNE,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DAY | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | MAX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 157 | 118 | 118 | 157 | 157 | 157 | 157 | 128 | 157 |
| 2 | 157 | 118 | 157 | 118 | 118 | 157 | 118 | 118 | 118 | 118 | 118 | 118 | 157 | 157 | 157 | 157 | 157 | 118 | 157 | 157 | 157 | 157 | 157 | 157 | 141 | 157 |
| 3 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 118 | 118 | 118 | 118 | 118 | 118 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 147 | 157 |
| 4 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 118 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 155 | 157 |
| 5 | 157 | 157 | 157 | 157 | 157 | 118 | 118 | 157 | 157 | 118 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 152 | 157 |
| 6 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 94 | 94 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 94 | 118 | 118 | 118 | 118 | 118 | 130 | 157 |
| 7 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 111 | 118 |
| 8 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 118 | 118 | 118 | 118 | 118 | 118 | 100 | 118 |
| 9 | 94 | 94 | 94 | 118 | 94 | 94 | 94 | 94 | 118 | 118 | 118 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 132 | 157 |
| 10 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 118 | 118 | 94 | 118 | 94 | 67 | 78 | 78 | 157 | 118 | 135 | 157 |
| 11 | 118 | 118 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 235 | 235 | 160 | 235 |
| 12 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 118 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 155 | 157 |
| 13 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 118 | 118 | 157 | 235 | 157 | 157 | 157 | 157 | 157 | 235 |
| 14 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 142 | 157 |
| 15 | 157 | 118 | 157 | 118 | 94 | 94 | 94 | 94 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 235 | 157 | 157 | 157 | 157 | 157 | 157 | 147 | 235 |
| 16 | 157 | 157 | 157 | 157 | 157 | 235 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 118 | 94 | 78 | 78 | 94 | 94 | 118 | 118 | 157 | 157 | 141 | 235 |
| 17 | 157 | 157 | 157 | 157 | 157 | 118 | 118 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 153 | 157 |
| 18 | 157 | 157 | 157 | 157 | 157 | 118 | 118 | 118 | 157 | 157 | 157 | 235 | 235 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 118 | 157 | 157 | 157 | 235 |
| 19 | 157 | 157 | 157 | 157 | 157 | 118 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 155 | 157 |
| 20 | 157 | 157 | 157 | 157 | 157 | 157 | 118 | 118 | 157 | 157 | 157 | 157 | 118 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 118 | 157 | 151 | 157 |
| 21 | 118 | 118 | 118 | 157 | 157 | 157 | 118 | 118 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 118 | 118 | 146 | 157 |
| 22 | 118 | 118 | 118 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 118 | 118 | 118 | 118 | 118 | 157 | 157 | 118 | 157 | 118 | 118 | 118 | 118 | 157 | 136 | 157 |
| 23 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 144 | 157 |
| 24 | 157 | 157 | 118 | 118 | 118 | 94 | 94 | 118 | 118 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 148 | 157 |
| 25 | 157 | 157 | 157 | 157 | 157 | 157 | 118 | 118 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 154 | 157 |
| 26 | 157 | 157 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 118 | 157 | 157 | 141 | 157 |
| 27 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 |
| 28 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 94 | 94 | 94 | 118 | 115 | 118 |
| 29 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 94 | 117 | 118 |
| 30 | 94 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 94 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 94 | 94 | 94 | 94 | 94 | 118 | 118 | 118 | 99 | 118 |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AV | 138 | 135 | 136 | 137 | 135 | 133 | 126 | 130 | 140 | 140 | 140 | 145 | 143 | 143 | 141 | 140 | 138 | 140 | 140 | 141 | 140 | 138 | 145 | 146 | 139 | 1 |
| SD | 23 | 24 | 24 | 23 | 25 | 31 | 24 | 24 | 22 | 22 | 22 | 26 | 27 | 29 | 21 | 22 | 25 | 41 | 25 | 31 | 25 | 24 | 27 | 27 | 17 | 1 |

OUTPT (VERSION N 28 JUL 76)

LOCAL VISUAL RANGE
(KILOMETERS)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JULY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

| DAY | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PCT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 94 | 94 | 78 | 78 | 78 | 78 | 78 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 100 | 118 |
| 2 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 118 | 118 | 118 | 118 | 118 | 118 | 94 | 94 | 78 | 78 | 99 | 118 |
| 3 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 78 | 94 | 118 | 118 | 118 | 118 | 97 | 118 |
| 4 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 94 | 94 | 118 | 118 | 118 | 118 | 118 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 129 | 157 |
| 5 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 94 | 118 | 94 | 116 | 118 |
| 6 | 118 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 118 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 96 | 118 |
| 7 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 118 | 94 | 94 | 94 | 94 | 118 | 118 | 97 | 118 |
| 8 | 118 | 118 | 118 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 97 | 118 |
| 9 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 |
| 10 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 78 | 78 | 78 | 78 | 94 | 94 | 78 | 78 | 78 | 94 | 94 | 94 | 94 | 89 | 94 |
| 11 | 94 | 94 | 94 | 94 | 118 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 118 | 94 | 94 | 94 | 94 | 94 | 94 | 78 | 95 | 118 |
| 12 | 78 | 78 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 118 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 118 |
| 13 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 105 | 118 |
| 14 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 116 | 118 |
| 15 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 94 | 94 | 118 | 118 | 118 | 118 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 134 | 157 |
| 16 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 94 | 118 | 157 | 118 | 94 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 129 | 157 |
| 17 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 94 | 94 | 118 | 118 | 118 | 94 | 115 | 118 |
| 18 | 94 | 94 | 94 | 94 | 94 | 94 | 78 | 78 | 67 | 67 | 67 | 67 | 67 | 78 | 78 | 94 | 118 | 94 | 118 | 94 | 118 | 94 | 118 | 118 | 91 | 118 |
| 19 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 118 | 118 | 94 | 94 | 118 | 97 | 118 |
| 20 | 94 | 94 | 94 | 94 | 94 | 78 | 78 | 78 | 78 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 118 | 118 | 118 | 118 | 118 | 94 | 94 | 94 | 96 | 118 |
| 21 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 94 | 94 | 94 | 102 | 118 |
| 22 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 118 | 118 | 118 | 118 | 118 | 118 | 94 | 94 | 94 | 94 | 103 | 118 |
| 23 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 105 | 118 |
| 24 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 |
| 25 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 103 | 118 |
| 26 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 118 | 94 | 94 | 95 | 118 |
| 27 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 106 | 118 |
| 28 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 94 | 94 | 94 | 94 | 102 | 118 |
| 29 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 102 | 118 |
| 30 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 118 | 118 | 118 | 97 | 118 |
| 31 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 94 | 118 | 118 | 118 | 118 | 118 | 118 | 94 | 94 | 118 | 157 | 157 | 157 | 157 | 122 | 157 |
| AV | 104 | 103 | 104 | 103 | 104 | 102 | 102 | 99 | 100 | 100 | 98 | 98 | 101 | 104 | 105 | 107 | 112 | 109 | 108 | 109 | 111 | 109 | 110 | 108 | 105 | ( ) |
| NO | 15 | 15 | 15 | 15 | 15 | 15 | 16 | 12 | 13 | 15 | 11 | 13 | 14 | 17 | 17 | 16 | 16 | 16 | 14 | 16 | 19 | 19 | 20 | 20 | 12 | ( ) |

OUTPT (VERSION N 28 JUL 76)

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

MAY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | 0 | 0 |
| 6 | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 7 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 9 | 0 | 5 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 17 | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AV | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 [ | ] |
| SD | 0 | 2 | 1 | 1 | 2 | 2 | 1 | 1 | 2 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 [ | ] |

OUTPT (VERSION N 28 JUL 76)

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

JUNE,1976

AEROVIRONMENT INC.

```
**********************
*                    *
*  PRELIMINARY DATA  *
*  AS OF 19/SEP/76   *
*                    *
**********************
*                    *
*    SUBJECT TO      *
*     REVISION       *
*                    *
**********************
```

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 5 | 5 | 0 | 5 |
| 14 | 10 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 5 | 5 | 0 | 10 |
| 15 | 5 | 5 | 5 | 5 | 10 | 10 | 10 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 10 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 5 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 18 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 19 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 24 | 0 | 0 | 0 | 5 | 5 | 5 | 5 | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | 5 | 5 |
| 25 | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | [CA] | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31 | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] |
| AV | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 [ ] | |
| 60 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 [ ] | |

OUTPT [VERSION N 28 JUL 76]

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

JULY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 5 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 5 | 0 | 0 | 5 | 10 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | [FO] | [FO] | 0 | 10 |
| 6 | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [ ] | [ ] |
| 7 | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [ ] | [ ] |
| 8 | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [ ] | [ ] |
| 9 | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [ ] | [ ] |
| 10 | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | 0 | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | 0 | 0 |
| 11 | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [ ] | [ ] |
| 12 | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [ ] | [ ] |
| 13 | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | 5 | 10 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 10 | 5 | 5 | 5 | 10 |
| 14 | 5 | 5 | 5 | 10 | 10 | 10 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 10 |
| 15 | 5 | 5 | 10 | 5 | 10 | 10 | 10 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 10 |
| 16 | 5 | 5 | 5 | 5 | 5 | 5 | 10 | 10 | 5 | 5 | 15 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 0 | 0 | 5 | 15 |
| 17 | 5 | 5 | 5 | 5 | 0 | 5 | 5 | 5 | 5 | 5 | 0 | 5 | 5 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 5 | 5 | 5 | 5 | 5 |
| 18 | 5 | 5 | 5 | 5 | 5 | 10 | 10 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 10 |
| 19 | 5 | 5 | 5 | 5 | 5 | 5 | 10 | 5 | 5 | 0 | 0 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 5 | 5 | 5 | 5 | 5 | 10 |
| 20 | 5 | 5 | 10 | 10 | 10 | 10 | 10 | 10 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 5 | 0 | 5 | 5 | 5 | 5 | 5 | 10 |
| 21 | 5 | 5 | 5 | 5 | 5 | 10 | 5 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 0 | 5 | 5 | 5 | 5 | 5 | 10 |
| 22 | 5 | 5 | 5 | 10 | 5 | 10 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 5 | 5 | 0 | 5 | 0 | 5 | 0 | 0 | 5 | 0 | 5 | 5 | 10 |
| 23 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 5 | 5 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 24 | 5 | 5 | 5 | 5 | 5 | 5 | 10 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 10 |
| 25 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | [MT] | [MT] | 10 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 10 |
| 26 | 5 | 10 | 5 | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | 5 | 10 |
| 27 | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [ ] | [ ] |
| 28 | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | 10 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 10 |
| 29 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 30 | 10 | 10 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | 10 | 10 |
| 31 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [ ] | [ ] |
| AVG | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | [ ] |
| 80 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | [ ] |

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HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

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AEROVIRONMENT INC.

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| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | 0 | 0 |
| 6 | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | 0 | 0 | 0 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 7 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 5 |
| 8 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 5 | 5 | 5 |
| 9 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 10 | 0 | 0 | 5 | 5 | 5 | 5 | 5 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 11 | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 5 | 0 | 5 |
| 16 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 17 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25 | 0 | 0 | 0 | 0 | 5 | 5 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 26 | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AV | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 [ | ] |
| SD | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 2 | 2 | 2 | 1 [ | ] |

OUTPT [VERSION N 28 JUL 76]

HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

JUNE,1976

AEROVIRONMENT INC.

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CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 5 | 5 | 0 | 5 |
| 14 | 5 | 5 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 5 | 0 | 5 |
| 15 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 5 |
| 17 | 0 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 18 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 19 | 0 | 0 | 0 | 5 | 5 | 5 | 5 | 5 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 24 | 0 | 0 | 5 | 0 | 5 | 5 | 5 | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | 5 | 5 |
| 25 | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | [CA] | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31 | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] |
| AV | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | [ ] |
| 60 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 1 | [ ] |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | [FO] | [FO] | 0 | 0 |
| 6 | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [ ] | [ ] |
| 7 | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [ ] | [ ] |
| 8 | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [ ] | [ ] |
| 9 | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [ ] | [ ] |
| 10 | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | 0 | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | 0 | 0 |
| 11 | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [ ] | [ ] |
| 12 | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [ ] | [ ] |
| 13 | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | [MT] | [MT] | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 26 | 0 | 0 | 0 | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | 0 | 0 |
| 27 | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [ ] | [ ] |
| 28 | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 30 | 5 | 5 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | 5 | 5 |
| 31 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [ ] | [ ] |
| AV | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | [ ] |
| SD | 2 | 2 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | [ ] |

OUTPT [VERSION N 28 JUL 76]

SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 3

MAY, 1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | 0 | 0 |
| 6 | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 8 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 9 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 10 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 11 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 12 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 13 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 14 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 15 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 16 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 17 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 18 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 19 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 20 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 21 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 22 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 23 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 24 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 25 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 26 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 27 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 28 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 29 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 30 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AV | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 [ ] | |
| SD | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 [ ] | |

OUTPT [VERSION N 28 JUL 76]

SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

JUNE,1976

AEROVIRONMENT INC.

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**********************
*                    *
* PRELIMINARY DATA   *
* AS OF 19/SEP/76    *
*                    *
**********************
*                    *
*   SUBJECT TO       *
*    REVISION        *
*                    *
**********************
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CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 5 | 5 | 0 | 0 | 0 | 0 | 5 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 10 | 10 | 10 | 15 | 15 | 5 | 15 |
| 14 | 15 | 10 | 5 | 5 | 5 | 5 | 10 | 5 | 5 | 0 | 10 | 10 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 10 | 10 | 10 | 10 | 10 | 5 | 15 |
| 15 | 10 | 10 | 10 | 15 | 15 | 15 | 15 | 10 | 5 | 5 | 5 | 5 | 5 | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 5 | 5 | 5 | 5 | 5 | 15 |
| 16 | 5 | 5 | 10 | 5 | 10 | 10 | 5 | 5 | 5 | 15 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 10 | 5 | 15 |
| 17 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 5 | 5 | 5 | 5 | 0 | 0 | 0 | 5 | 5 | 5 | 5 | 5 | 10 | 10 | 5 | 5 | 10 |
| 18 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 10 |
| 19 | 5 | 5 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 15 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 15 |
| 20 | 5 | 5 | 5 | 10 | 10 | 10 | 10 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 5 | 5 | 5 | 10 |
| 21 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 22 | 0 | 5 | 5 | 5 | 5 | 5 | 10 | 5 | 5 | 5 | 5 | 0 | 5 | 5 | 5 | 5 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 10 |
| 23 | 10 | 5 | 10 | 10 | 10 | 10 | 10 | 5 | 5 | 5 | 5 | 5 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 10 | 5 | 5 | 5 | 10 |
| 24 | 5 | 10 | 10 | 10 | 10 | 10 | 10 | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | 10 | 10 |
| 25 | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | 10 | 0 | 0 | 0 | 5 | 5 | 5 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 10 |
| 26 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 27 | 5 | 5 | 5 | 10 | 5 | 5 | 5 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 5 | 5 | 10 |
| 28 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 0 | [CA] | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 5 | 0 | 0 | 5 |
| 29 | 5 | 5 | 5 | 5 | 5 | 10 | 5 | 5 | 5 | 0 | 5 | 5 | 0 | 5 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 5 | 10 |
| 30 | 0 | 0 | 0 | 5 | 5 | 0 | 5 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 5 | 5 | 5 | 0 | 5 |
| 31 | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] |
| AV | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | [ ] |
| SD | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 4 | 3 | 4 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 4 | 4 | 4 | 3 | [ ] |

OUTPT [VERSION N 28 JUL 76]

SULFUR DIOXIDE
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* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 2 | 0 | 5 | 0 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 5 | 5 | 5 | 5 | 5 | 5 |
| 3 | 5 | 5 | 5 | 5 | 5 | 5 | 10 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 5 | 5 | 5 | 5 | 0 | 5 | 5 | 10 |
| 4 | 5 | 5 | 5 | 10 | 10 | 10 | 5 | 5 | 5 | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 5 | 5 | 10 |
| 5 | 5 | 5 | 5 | 15 | 5 | 10 | 10 | 5 | 5 | 5 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | [FO] | [FO] | 5 | 15 |
| 6 | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [ ] | [ ] |
| 7 | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [ ] | [ ] |
| 8 | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [ ] | [ ] |
| 9 | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [ ] | [ ] |
| 10 | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | 15 | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | 15 | 15 |
| 11 | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [ ] | [ ] |
| 12 | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [ ] | [ ] |
| 13 | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 10 | 5 | 5 | 5 | 10 |
| 14 | 5 | 5 | 10 | 10 | 10 | 10 | 10 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 10 |
| 15 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 10 |
| 16 | 5 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 10 | 5 | 5 | 5 | 5 | 5 | 5 | 10 |
| 17 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 10 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 10 |
| 18 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 5 | 10 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 10 | 5 | 5 | 5 | 5 | 10 |
| 19 | 5 | 5 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 10 |
| 20 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 10 |
| 21 | 10 | 5 | 5 | 10 | 10 | 10 | 10 | 10 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 10 |
| 22 | 5 | 10 | 10 | 10 | 10 | 10 | 10 | 5 | 10 | 5 | 5 | 10 | 5 | 5 | 10 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 10 |
| 23 | 5 | 5 | 5 | 10 | 10 | 10 | 10 | 10 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 10 |
| 24 | 5 | 5 | 5 | 5 | 5 | 10 | 10 | 10 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 10 |
| 25 | 5 | 5 | 5 | 5 | 5 | 10 | 10 | 10 | 5 | [NT] | [NT] | 15 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 15 |
| 26 | 5 | 5 | 5 | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | 5 | 5 |
| 27 | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [ ] | [ ] |
| 28 | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 29 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 30 | 10 | 10 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | 10 | 10 |
| 31 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [ ] | [ ] |
| AV | 5 | 5 | 5 | 10 | 10 | 10 | 10 | 10 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 [ | ] |
| SD | 3 | 2 | 3 | 3 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 4 | 3 | 2 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 2 | 3 [ | ] |

OUTPT [VERSION N 28 JUL 76]

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

MAY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | BEA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [ ] | [ ] |
| 2 | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [ ] | [ ] |
| 3 | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [ ] | [ ] |
| 4 | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [ ] | [ ] |
| 5 | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [ ] | [ ] |
| 6 | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | 5 | 5 | 5 | 5 | 5 | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | 5 | 5 |
| 7 | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 0 | 0 | 5 | 5 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 5 | 5 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 11 | 5 | 5 | 0 | 5 | 5 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 5 |
| 13 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 14 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 15 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 5 | 5 | 5 | 0 | 0 | 0 | 5 | 5 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 17 | 5 | 5 | 5 | 5 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 18 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 19 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 20 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 21 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 0 | 5 | 5 |
| 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 5 | 5 |
| 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 24 | 5 | 5 | 5 | 5 | 5 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 26 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 27 | 5 | 5 | 5 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 28 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 29 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 0 | 5 | 5 | 0 | 5 | 5 |
| 30 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 31 | 5 | 0 | 5 | 5 | 0 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| AV | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | [ ] |
| SD | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 1 | [ ] |

OUTPT [VERSION N 28 JUL 76]

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

JUNE,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********

**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 2 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 3 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 4 | 5 | 0 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 6 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 7 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 8 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 9 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 10 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | 5 | 5 |
| 11 | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | 5 | 5 | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | 5 | 5 |
| 12 | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 13 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 14 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 15 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 16 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 17 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 18 | 0 | 0 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 19 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 20 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 21 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 22 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | 5 | 5 |
| 23 | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 24 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 5 | 0 | 5 | 5 | 5 |
| 25 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 5 | 5 | 5 | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 26 | 0 | 0 | 0 | 5 | 5 | 0 | 5 | 0 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 27 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 0 | 5 | 5 | 5 | 0 | 5 | 0 | 0 | 5 | 5 | 5 |
| 28 | 5 | 5 | 5 | 5 | 0 | 0 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 0 | 5 | 5 |
| 29 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 0 | 0 | 5 | 5 | 5 |
| 30 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 0 | 5 | 5 | 5 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 31 | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) |
| AV | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 [ ] | |
| SD | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 0 | 1 | 0 | 1 | 2 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 1 ( ) | |

OUTPT (VERSION N 28 JUL 76)

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

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JULY,1976

AEROVIRONMENT INC.

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* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5 | 5 | 5 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 5 |
| 2 | 5 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 5 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 5 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 4 | 0 | 0 | 0 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 5 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 5 | 5 | 5 | 5 | 0 | 0 | 0 | 0 | 5 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 5 | 5 | 5 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 5 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 5 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 5 |
| 14 | 0 | 5 | 0 | 5 | 5 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 5 | 0 | 5 | 5 | 5 | 0 | 5 |
| 16 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 17 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 18 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 19 | 5 | 0 | 5 | 5 | 0 | 5 | 5 | 0 | 5 | 5 | 5 | 5 | 5 | 0 | 5 | 5 | 5 | 0 | 5 | 5 | 5 | 0 | 5 | 5 | 5 | 5 |
| 20 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 21 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 22 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 23 | 5 | 5 | 5 | 5 | 5 | 0 | 0 | 5 | 0 | 0 | 5 | 5 | 5 | 5 | 0 | 0 | 5 | 5 | 5 | 5 | 0 | 5 | 0 | 5 | 5 | 5 |
| 24 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 5 | 0 | 5 | 0 | 5 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 5 |
| 27 | 5 | 5 | 0 | 0 | 5 | 0 | 5 | 0 | 5 | 5 | 5 | 5 | 0 | 5 | 5 | 5 | 0 | 5 | 5 | 5 | 0 | 0 | 0 | 0 | 5 | 5 |
| 28 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 5 |
| 29 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| AV | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 [ ] | |
| SD | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 [ ] | |

OUTPT [VERSION N 28 JUL 76]

HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

MAY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [ ] | [ ] |
| 2 | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [ ] | [ ] |
| 3 | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [ ] | [ ] |
| 4 | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [ ] | [ ] |
| 5 | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [ ] | [ ] |
| 6 | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | 0 | 0 | 0 | 0 | 0 | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | 0 | 0 |
| 7 | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AV | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 [ ] | |
| SD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 [ ] | |

HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

JUNE,1976

AEROVIRONMENT INC.

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* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | 0 | 0 |
| 11 | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | 0 | 0 | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | 0 | 0 |
| 12 | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | 0 | 0 |
| 23 | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31 | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) |
| AV | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ( ) |
| SD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ( ) |

OUTPT (VERSION N 28 JUL 76)

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(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

JULY,1976

AEROVIRONMENT INC.

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* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DAY | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AV | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| SD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |

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CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [ ] | [ ] |
| 2 | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [ ] | [ ] |
| 3 | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [ ] | [ ] |
| 4 | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [IM] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [ ] | [ ] |
| 5 | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [ ] | [ ] |
| 6 | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | 5 | 5 | 5 | 5 | 5 | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | 5 | 5 |
| 7 | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 5 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 0 | 5 |
| 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AV | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 [ ] | |
| 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 1 [ ] | |

OUTPT [VERSION N 28 JUL 76]

SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

JUNE,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 5 | 5 | 0 | 0 | 5 | 5 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 5 |
| 7 | 5 | 5 | 5 | 5 | 5 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 5 | 5 | 5 | 0 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 8 | 0 | 5 | 5 | 0 | 5 | 5 | 5 | 5 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 9 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 10 | 5 | 5 | 5 | 5 | 0 | 5 | 5 | 0 | 5 | 0 | 5 | 5 | 0 | 0 | 0 | 5 | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | 5 | 5 |
| 11 | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | 5 | 0 | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | 5 | 5 |
| 12 | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | 5 | 0 | 5 | 5 | 5 | 5 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 13 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 5 | 5 | 0 | 0 | 5 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 5 |
| 14 | 0 | 5 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 5 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | 0 | 5 |
| 23 | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 27 | 5 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 5 | 5 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 28 | 5 | 5 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 5 | 5 | 5 | 0 | 5 | 5 | 5 | 5 | 0 | 5 | 0 | 0 | 0 | 5 | 5 |
| 29 | 0 | 0 | 0 | 5 | 5 | 0 | 5 | 0 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 30 | 5 | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 0 | 5 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 5 |
| 31 | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] |
| AV | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 [ ] | |
| SD | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 [ ] | |

OUTPT [VERSION N 28 JUL 76]

SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

JULY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | DE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 2 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 3 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 4 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 5 | 5 | 5 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 5 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 5 |
| 14 | 0 | 5 | 5 | 5 | 5 | 5 | 0 | 0 | 5 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 16 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 5 | 5 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 5 |
| 18 | 0 | 0 | 0 | 5 | 5 | 5 | 0 | 5 | 0 | 5 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20 | 0 | 5 | 5 | 5 | 0 | 0 | 5 | 5 | 5 | 5 | 0 | 0 | 0 | 5 | 5 | 0 | 5 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 5 |
| 21 | 0 | 0 | 0 | 5 | 5 | 0 | 5 | 5 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 0 | 5 | 5 | 5 | 0 | 5 | 5 | 5 | 5 |
| 22 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 0 | 0 | 5 | 0 | 0 | 5 | 5 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 23 | 5 | 5 | 5 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 5 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 24 | 0 | 0 | 0 | 0 | 5 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 5 |
| 27 | 5 | 5 | 0 | 5 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 5 | 5 | 0 | 5 | 5 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 5 |
| 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 5 |
| 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 5 |
| 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AV | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | [ ] |
| SD | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 1 | [ ] |

OUTPT [VERSION N 28 JUL 76]

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MAY,1976

ALROVIRONMENT INC.

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* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********

**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | FEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | 0 | 0 |
| 7 | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | [CA] | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | [MT] | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AV | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 [ ] | |
| SD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 [ ] | |

OUTPT [VERSION N 28 JUL 76]

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JUNE,1976

AEROVIRONMENT INC.

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* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | 0 | 0 |
| 2 | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 0 | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | 0 | 0 |
| 7 | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 65 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 65 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 65 | 80 | 50 | 15 | 145 | 15 | 0 | 0 | 0 | 0 | 0 | 15 | 145 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 25 | 20 | 65 | 165 | 205 | 260 | 145 | 145 | 170 | 35 | 0 | 0 | 0 | 0 | 55 | 205 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 0 | 90 | 60 | 75 | 115 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 115 |
| 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 45 | 60 | 35 | 80 | 0 | 60 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 80 |
| 22 | 0 | 0 | 0 | 0 | 45 | 0 | 0 | 20 | 0 | 0 | 0 | (FO) | (FO) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 45 |
| 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 45 | 0 | 30 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 45 |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | (CA) | (CA) | (CA) | (CA) | (CA) | (CA) | (CA) | (CA) | (CA) | (CA) | (CA) | 0 | 0 |
| 30 | (CA) | (CA) | (CA) | (CA) | (CA) | (CA) | (CA) | (CA) | (CA) | (CA) | (CA) | (CA) | (CA) | (CA) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31 | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) |
| AV | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 10 | 15 | 15 | 15 | 10 | 15 | 5 | 0 | 0 | 0 | 0 | 0 | 5 | ( ) |
| SD | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 4 | 0 | 8 | 5 | 9 | 17 | 39 | 42 | 42 | 42 | 39 | 32 | 7 | 0 | 0 | 0 | 0 | 10 | ( ) |

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JULY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DAY | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 55 | 200 | 135 | 55 | 50 | 0 | 0 | 0 | 0 | 0 | 20 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 5 | 45 | 165 | 135 | 45 | 0 | 0 | 0 | 0 | 0 | 20 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 15 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 160 | 35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 65 | 210 | 195 | 190 | 145 | 155 | 95 | 145 | 10 | 0 | 0 | 40 | 100 | 55 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 125 | 55 | 0 | 0 | 0 | 20 | 10 | 0 | 0 | 10 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 10 | 0 | 35 | 0 | 0 | 0 | 0 | 0 | 5 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 | 0 | 0 | 25 | 0 | 0 | 0 | 0 | 0 |
| 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | (PF) | (PF) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 90 | 45 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 145 | 20 | 100 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 120 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 25 | 115 | 55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | 0 |
| 30 | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | ( ) |
| 31 | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | (FO) | ( ) |
| AV | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 10 | 15 | 15 | 35 | 25 | 10 | 10 | 0 | 0 | 0 | 0 | 5 | 5 ( ) |
| SD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 39 | 47 | 37 | 58 | 49 | 32 | 29 | 5 | 4 | 2 | 7 | 19 | 11 ( ) |

OUTPT (VERSION N 28 JUL 76)

HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MAY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 24/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | 0 | 0 |
| 7 | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | 5 | 5 | 5 | 5 | 0 | 5 | 5 | 0 | 0 | 5 | 5 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 5 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | [MT] | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AV | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 [ ] | |
| SD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 1 | 2 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 1 [ ] | |

OUTPT (VERSION N 28 JUL 76)

HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JUNE,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR [LOCAL STANDARD TIME]

| DAY | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | 0 | 0 |
| 2 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | 0 | 10 |
| 7 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 25 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 10 | 35 | 60 | 50 | 35 | 70 | 10 | 5 | 0 | 0 | 0 | 0 | 10 | 70 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 30 | 30 | 40 | 100 | 105 | 110 | 110 | 95 | 110 | 20 | 0 | 0 | 0 | 0 | 35 | 110 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 | 55 | 35 | 45 | 60 | 10 | 5 | 0 | 0 | 0 | 0 | 0 | 10 | 60 |
| 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 25 | 60 | 35 | 35 | 5 | 25 | 5 | 0 | 0 | 0 | 0 | 0 | 10 | 60 |
| 22 | 0 | 0 | 0 | 0 | 40 | 0 | 0 | 10 | 0 | 0 | 0 | [FO] | [FO] | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 |
| 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 20 | 5 | 20 | 10 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 5 | 20 |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | 0 | 0 |
| 30 | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 31 | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] |
| AV | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 10 | 10 | 10 | 10 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | [ ] |
| SD | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 2 | 0 | 6 | 6 | 9 | 10 | 24 | 24 | 24 | 24 | 22 | 21 | 4 | 0 | 0 | 0 | 0 | 6 | [ ] |

OUTPT [VERSION N 28 JUL 76]

HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JULY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | [illegible] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 115 | 85 | 40 | 30 | 0 | 0 | 0 | 0 | 0 | 15 | 119 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 15 | 95 | 85 | 25 | 0 | 0 | 0 | 0 | 0 | 10 | 95 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 15 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 15 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 90 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 90 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 115 | 110 | 105 | 85 | 90 | 50 | 85 | 10 | 0 | 0 | 15 | 50 | 30 | 115 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 30 | 0 | 0 | 0 | 15 | 5 | 0 | 0 | 5 | 45 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 15 | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 15 |
| 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | [PF] | [PF] | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 45 |
| 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 70 | 10 | 50 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 70 |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 55 |
| 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 35 | 75 | 35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 75 |
| 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | 0 | 10 |
| 30 | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [ ] | [ ] |
| 31 | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [ ] | [ ] |
| AV | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 10 | 10 | 20 | 15 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 5 | [ ] |
| SD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 22 | 27 | 21 | 52 | 28 | 19 | 17 | 3 | 3 | 1 | 3 | 9 | 6 | [ ] |

OUTPT [VERSION N 28 JUL 76]

SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MAY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DAY | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | 0 | 0 |
| 7 | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | [CA] | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | [MT] | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AV | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 [ ] | |
| SD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 [ ] | |

OUTPT (VERSION N 28 JUL 76)

SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JUNE,1976

AEROVIRONMENT INC.

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* AS OF 19/SEP/76 *
**********

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | DEA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | 0 | 0 |
| 2 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | 0 | 0 |
| 7 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | [FO] | [FO] | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | 0 | 0 |
| 30 | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31 | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] |
| AV | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 [ ] | |
| SD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 [ ] | |

OUTPT (VERSION N 28 JUL 76)

SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JULY,1976

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**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | [PF] | [PF] | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | 0 | 0 |
| 30 | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [ ] | [ ] |
| 31 | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [FO] | [ ] | [ ] |
| AV | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 [ ] | |
| SD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 [ ] | |

OUTPT [VERSION N 28 JUL 76]

TOTAL HYDROCARBONS
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MAY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | DEA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1070 | 1080 | 1090 | 1090 | 1100 | 1110 | 1100 | 1110 | 1100 | 1100 | 1090 | 1080 | 1060 | 1060 | 1060 | 1090 | 1060 | 1040 | 1050 | 1040 | 1040 | 1070 | 1060 | 10401030 | 1110 | |
| 2 | 1050 | 1060 | 1070 | 1060 | 1070 | 1060 | 1110 | 1420 | 1310 | 1190 | 1070 | 1120 | 1040 | 1040 | 1030 | 1030 | 1020 | 1040 | 1120 | 1030 | 1020 | 1030 | 1050 | 10701090 | 1420 | |
| 3 | 1040 | 1050 | 1050 | 1050 | 1050 | 1050 | 1050 | 1180 | 1180 | 1180 | 1180 | 1050 | 1050 | 1070 | 1080 | 1070 | 1120 | 1070 | 1080 | 1070 | 1060 | 1150 | 1050 | 10501030 | 1180 | |
| 4 | 1080 | 1040 | 1060 | 1090 | 1120 | 1060 | 1050 | 1050 | 1040 | 1040 | 1100 | 1030 | 1030 | 1030 | 1120 | 1040 | 1010 | 1010 | 1010 | 1040 | 1100 | 1020 | 1150 | 10401060 | 1190 | |
| 5 | 1030 | 1020 | 1100 | 1030 | 1030 | 1030 | 1040 | 1040 | 1050 | 1030 | 1040 | 1040 | 1030 | 1030 | 1030 | 1030 | 1040 | 1030 | 1050 | 1090 | 1060 | 1170 | 1040 | 10501050 | 1180 | |
| 6 | 1060 | 1070 | 1150 | 1150 | 1080 | 1130 | 1060 | 1070 | 1070 | 1060 | 1030 | 1080 | 1090 | 1090 | 1040 | 1220 | 1620 | 1530 | 1370 | 1770 | 1600 | 1430 | 1390 | 14201220 | 1770 | |
| 7 | 1320 | 1330 | 1280 | 1270 | 1270 | 1100 | 1280 | 1290 | 1380 | 1070 | 1560 | [CA] | 1690 | 1260 | 1110 | 1650 | 950 | 1090 | 1030 | 1010 | 1070 | 1070 | 1010 | 10401240 | 1330 | |
| 8 | 1000 | 1060 | 1080 | 1030 | 1090 | 1270 | 1020 | 1080 | 1020 | 1020 | 1050 | 1070 | 1070 | 1020 | 1020 | 1020 | 1020 | 1080 | 1020 | 1090 | 1070 | 1060 | 1050 | 10401060 | 1270 | |
| 9 | 1090 | 1060 | 1100 | 1110 | 1090 | 1140 | 1060 | 1080 | 1090 | 1160 | 1140 | 1050 | 1100 | 1040 | 1100 | 1030 | 1040 | 1040 | 1030 | 1040 | 1120 | 1030 | 1230 | 10401080 | 1230 | |
| 10 | 1030 | 1000 | 1030 | 1000 | 1030 | 1030 | 1040 | 1000 | 1080 | 1070 | 1060 | 1100 | 1030 | 1010 | 1050 | 1030 | 1070 | 1030 | 1010 | 1150 | 1030 | 1010 | 1040 | 10201050 | 1150 | |
| 11 | 1020 | 1040 | 1040 | 1040 | 1030 | 1060 | 1070 | 1140 | 1010 | 1000 | 1000 | 1010 | 1020 | 890 | 990 | 1000 | 1000 | 990 | 1000 | 1010 | 1030 | 1060 | 1030 | 10401020 | 1140 | |
| 12 | 1170 | 1040 | 1100 | 1040 | 1070 | 1040 | 1100 | 1170 | 1170 | [CA] | [CA] | [CA] | [CA] | 1060 | 1050 | 1050 | 1050 | 1040 | 1040 | 1060 | 1170 | 1040 | 1100 | 10701080 | 1170 | |
| 13 | 1080 | 1080 | 1050 | 1030 | 1060 | 1060 | 1060 | 1070 | 1060 | 1050 | 1060 | 1210 | 1110 | 1040 | 1030 | 1030 | 1040 | 1050 | 1060 | 1000 | 990 | 1140 | 1060 | 9901060 | 1210 | |
| 14 | 1010 | 1000 | 1010 | 1030 | 990 | 1040 | 1000 | 1170 | 1210 | 1060 | 1040 | 1020 | 980 | 970 | 970 | 990 | 980 | 990 | 960 | 970 | 1000 | 980 | 960 | 9701010 | 1210 | |
| 15 | 970 | 990 | 1020 | 1000 | 1010 | 1020 | 1020 | 1030 | 1050 | 1030 | 1510 | 1460 | 1460 | 1050 | [CA] | 1630 | 1720 | 1320 | 1060 | 1050 | 1060 | 1120 | 1050 | 10701150 | 1720 | |
| 16 | 1060 | 1060 | 1070 | 1070 | 1140 | 1070 | 1070 | 1060 | 1200 | 1430 | 1200 | 1060 | 1060 | 1070 | 1090 | 1070 | 1070 | 1080 | 1070 | 1110 | 1050 | 1050 | 1040 | 10401100 | 1430 | |
| 17 | 1050 | 1070 | 1070 | 1070 | 1100 | 1110 | 1090 | 1090 | 1100 | 1110 | 1080 | 1060 | 1060 | 1070 | 1050 | 1050 | 1070 | 1040 | 1020 | 1090 | 1020 | 1020 | 1010 | 10201070 | 1110 | |
| 18 | 1050 | 1040 | 1000 | 1010 | 1040 | 1020 | 1030 | 1080 | 1100 | 1050 | 1070 | [CA] | 1030 | 1020 | 1010 | 1010 | 1000 | 1000 | 990 | 990 | 980 | 1190 | 1090 | 9901030 | 1190 | |
| 19 | 990 | 990 | 990 | 1010 | 1040 | 990 | 1020 | 1000 | 1020 | 990 | 990 | 990 | 1020 | 1000 | 990 | 1060 | 950 | 1010 | 950 | 1010 | 990 | 1020 | 1000 | 10101000 | 1040 | |
| 20 | 1010 | 1000 | 1050 | 1030 | 1010 | 1020 | 1120 | 1020 | 1010 | 1020 | 1050 | 1010 | 1000 | 1000 | 1020 | 1000 | 1020 | 1090 | 1010 | 1000 | 1070 | 1040 | 1050 | 10201050 | 1120 | |
| 21 | 1030 | 1020 | 990 | 990 | 1030 | 1090 | 1020 | 1150 | 1120 | 1060 | 1120 | 960 | 1040 | 1080 | 1050 | 1050 | 1010 | 1030 | 1010 | 1010 | 1150 | 1030 | 1150 | 10501060 | 1150 | |
| 22 | 1040 | 1020 | 1020 | 1010 | 1010 | 1290 | 1030 | 1040 | 1040 | 1000 | 990 | 990 | 1190 | 1050 | 1030 | 1040 | 1040 | 1050 | 1040 | 1090 | 1040 | 1030 | 1120 | 10201050 | 1290 | |
| 23 | 1090 | 1010 | 1020 | 1090 | 1160 | 1020 | 1170 | 1020 | 1030 | 1070 | 1080 | 1030 | 1030 | 1050 | 1030 | 1060 | 1090 | 1020 | 1030 | 1030 | 1040 | 1060 | 1100 | 11001060 | 1170 | |
| 24 | 1100 | 1070 | 1100 | 1070 | 1090 | 1130 | 1050 | 1050 | 1110 | 1070 | 1030 | 1030 | 1090 | 1020 | 1200 | 1230 | 1020 | 1050 | 1020 | 1020 | 1010 | 1050 | 1010 | 10101070 | 1230 | |
| 25 | 1040 | 1030 | 1010 | 1010 | 1020 | 1030 | 1030 | 1040 | 1080 | 1060 | 1060 | 1030 | 1040 | 1030 | 1020 | 1030 | 1030 | 1010 | 1010 | 1040 | 1020 | 1020 | 1020 | 10201030 | 1040 | |
| 26 | 1020 | 1020 | 1020 | 1020 | 1020 | 1060 | 1040 | 1040 | 1030 | 1060 | 1060 | 1040 | 1030 | 1030 | 1020 | 1030 | 1040 | 1070 | 1030 | 1050 | 1030 | 1030 | 1020 | 10201040 | 1080 | |
| 27 | 1030 | 1060 | 1050 | 1040 | 1040 | 1040 | 1040 | 1040 | 1090 | 1250 | 1060 | 1050 | 1050 | 1020 | 1020 | 1010 | 1010 | 1000 | 1010 | 1020 | 1000 | 1000 | 1000 | 10201040 | 1250 | |
| 28 | 1020 | 1020 | 1010 | 1040 | 1010 | 1020 | 1080 | 1180 | 1280 | 1120 | 1060 | 1010 | 1020 | 1070 | 1020 | 1040 | 1040 | 1000 | 1030 | 1060 | 1020 | 1010 | 1020 | 10401050 | 1280 | |
| 29 | 1020 | 1020 | 1020 | 1050 | 1030 | 1080 | 1050 | 1050 | 1070 | 1060 | 1040 | 1040 | 1050 | 1020 | 1070 | 1060 | 1060 | 1040 | 1040 | 1040 | 1060 | 1060 | 1070 | 10701050 | 1080 | |
| 30 | 1120 | 1060 | 1060 | 1210 | 1090 | 1080 | 1070 | 1150 | 1090 | [CA] | 1070 | 1130 | 1520 | 940 | 1060 | 1110 | 1070 | 1060 | 1050 | 1060 | 1050 | 1050 | 1080 | 10601100 | 1520 | |
| 31 | 1070 | 1060 | 1060 | 1070 | 1160 | 1100 | 1080 | 1110 | 1170 | 1110 | 1070 | 1060 | 1060 | 1140 | 1070 | 1070 | 1070 | 1060 | 1060 | 1060 | 1070 | 1070 | 1150 | 10701030 | 1170 | |
| AV | 1050 | 1050 | 1060 | 1060 | 1060 | 1090 | 1070 | 1100 | 1110 | 1100 | 1100 | 1070 | 1110 | 1040 | 1050 | 1070 | 1080 | 1050 | 1040 | 1070 | 1070 | 1070 | 1070 | 10501070 | [ | 1 |
| SD | 62 | 57 | 55 | 58 | 56 | 97 | 52 | 86 | 90 | 112 | 125 | 90 | 186 | 60 | 45 | 114 | 160 | 76 | 66 | 134 | 117 | 83 | 85 | 73 | 52 | [ 1 |

OUTPT [VERSION N 28 JUL 76]

TOTAL HYDROCARBONS
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JUNE,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

| DAY | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1090 | 1070 | 1070 | 1070 | 1030 | 1090 | 1030 | 1140 | 1110 | 1090 | 1100 | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | 1090 | 1140 |
| 2 | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | 1310 | 1070 | 1070 | 1070 | 1050 | 1040 | 1020 | 1040 | 980 | 1000 | 1000 | 1020 | 1050 | 1310 |
| 3 | 1030 | 1000 | 1060 | 1000 | 1030 | 1010 | 1050 | 1340 | 1250 | 1040 | 920 | 1030 | 1020 | 1020 | 1410 | 930 | 970 | 1020 | 990 | 980 | 1000 | 990 | 990 | 990 | 1040 | 1410 |
| 4 | 990 | 1020 | 1000 | 990 | 990 | 990 | 1000 | 1180 | 1110 | 1050 | 1040 | 1000 | 1010 | 1030 | 1000 | 990 | 1020 | 1020 | 980 | 980 | 980 | 1010 | 1040 | 1060 | 1020 | 1180 |
| 5 | 1000 | 990 | 1000 | 990 | 990 | 1000 | 1040 | 1060 | 1100 | 1040 | 1040 | 1190 | 1250 | 970 | 970 | 1180 | 1010 | 1010 | 980 | 980 | 960 | 1010 | 990 | 1010 | 1030 | 1250 |
| 6 | 1010 | 990 | 980 | 970 | 990 | 1180 | 1360 | 1260 | 1100 | 990 | 1020 | 1030 | 1160 | 1030 | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | 1080 | 1360 |
| 7 | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | 1220 | 1150 | 1050 | 1030 | 990 | 990 | 960 | 960 | 980 | 1020 | 1040 | 1220 |
| 8 | 990 | 990 | 980 | 990 | 1090 | 980 | 1040 | 1120 | 1030 | 960 | (CA) | 1230 | 1270 | 3070 | 1200 | 1070 | 1060 | 1060 | 1060 | 1000 | 990 | 930 | 990 | 990 | 1150 | 3070 |
| 9 | 990 | 990 | 990 | 990 | 920 | 990 | 920 | 990 | 1050 | 1180 | 1050 | 1050 | 1240 | 2090 | 2480 | 4050 | 3260 | 4170 | 4760 | 1500 | 1000 | 990 | 990 | 960 | 1640 | 4760 |
| 10 | 990 | 990 | 1000 | 980 | 990 | 990 | 990 | 1010 | 990 | 2060 | 2830 | 3020 | 6290 | 6260 | 6410 | 6500 | 6400 | 6350 | 6260 | 2020 | 1010 | 980 | 980 | 980 | 2020 | 6410 |
| 11 | 990 | 1020 | 980 | 990 | 990 | 990 | 990 | 1010 | 1000 | 1200 | 1260 | 1010 | 970 | 970 | 1020 | 1100 | 1040 | 990 | 980 | 990 | 980 | 990 | 980 | 1000 | 1020 | 1260 |
| 12 | 990 | 1160 | 1060 | 980 | 990 | 990 | 1000 | 1000 | 1020 | 1010 | 990 | 980 | 980 | 980 | 980 | 980 | 980 | 980 | 980 | 980 | 990 | 1020 | 1010 | 990 | 1000 | 1160 |
| 13 | 1000 | 980 | 940 | 1050 | 1150 | 1040 | 1070 | 1030 | 1000 | 990 | 980 | 990 | 1010 | 990 | 970 | 930 | 960 | 970 | 1060 | 990 | 990 | 1000 | 1000 | 1000 | 1000 | 1150 |
| 14 | 1010 | 1120 | 1070 | 1070 | 1070 | 1040 | 1060 | 1020 | 1040 | 1000 | 1000 | 950 | 1010 | 1010 | 1050 | 1050 | 1010 | 1010 | 1010 | 1010 | 1000 | 1050 | 1010 | 1000 | 1050 | 1120 |
| 15 | 1010 | 1010 | 1040 | 1050 | 1040 | 1040 | 1030 | 1090 | 1040 | 1060 | 1020 | 1030 | 1010 | 1020 | 1050 | 1050 | 990 | 990 | 990 | 1050 | 1000 | 1010 | 1000 | 1000 | 1030 | 1090 |
| 16 | 1000 | 990 | 990 | 1000 | 990 | 1000 | 990 | 1050 | 1030 | 1010 | 1000 | 1030 | 1050 | 1010 | 990 | 960 | 970 | 970 | 1060 | 970 | 970 | 970 | 990 | 960 | 990 | 1050 |
| 17 | 960 | 960 | 990 | 960 | 990 | 980 | 1000 | 980 | 980 | 1010 | (CA) | 980 | 1000 | 1000 | 1000 | 1000 | 1000 | 990 | 1030 | 1050 | 1050 | 1000 | 1000 | 1000 | 990 | 1050 |
| 18 | 1000 | 1010 | 1010 | 1020 | 1030 | 1020 | 1040 | 1010 | 1050 | 1030 | 1080 | 1030 | 1010 | 1060 | 1000 | 1000 | 1020 | 1000 | 1010 | 1000 | 1010 | 1010 | 1020 | 1030 | 1020 | 1080 |
| 19 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1020 | 1040 | 1070 | 1030 | 1040 | 1020 | 1010 | 1000 | 1000 | 1000 | 1000 | 990 | 1110 | 990 | 990 | 990 | 990 | 990 | 1010 | 1110 |
| 20 | 1000 | 1000 | 990 | 1010 | 1040 | 990 | 1000 | 1080 | 1110 | (CA) | 1070 | 1130 | 1010 | 5160 | 3540 | 4660 | 3970 | 1130 | 1000 | 960 | 990 | 960 | 980 | 990 | 1610 | 5160 |
| 21 | 960 | 960 | 980 | 980 | 970 | 970 | 960 | 970 | 960 | 950 | 1310 | 2340 | 2530 | 3100 | 3170 | 2920 | 1520 | 1270 | 1210 | 950 | 990 | 950 | 990 | 960 | 1410 | 3170 |
| 22 | 950 | 950 | 960 | 950 | 2670 | 1020 | 950 | 850 | 940 | 1040 | 1530 | 1660 | 1060 | 1160 | 950 | 990 | 950 | 960 | 980 | 1010 | 1010 | 1030 | 1010 | 970 | 1100 | 2670 |
| 23 | 1080 | 980 | 1070 | 1020 | 990 | 1000 | 1010 | 1010 | 1050 | 1040 | 1000 | 1010 | 1010 | (CA) | 940 | 930 | 1000 | 1130 | 990 | 1010 | 1000 | 1050 | 1070 | 1020 | 1020 | 1130 |
| 24 | 1040 | 1010 | 1010 | 1020 | 1020 | 1020 | 1030 | 1030 | 1020 | 1000 | 1000 | 990 | 990 | 1060 | 1000 | 1000 | 990 | 990 | 990 | 990 | 990 | 990 | 990 | 1010 | 1010 | 1040 |
| 25 | 1000 | 1010 | 1000 | 1010 | 1000 | 1000 | 1060 | 1010 | 990 | 990 | 970 | 1160 | 1220 | 1220 | 1220 | 910 | 960 | 960 | 1120 | 950 | 950 | 960 | 960 | 970 | 1020 | 1220 |
| 26 | 970 | 970 | 990 | 980 | 980 | 990 | 1030 | 1040 | 1010 | 1000 | 1060 | 1000 | (CA) | 990 | 1010 | 1000 | 930 | 980 | 990 | 990 | 990 | 990 | 990 | 1010 | 1000 | 1060 |
| 27 | 1010 | 1010 | 1020 | 1010 | 1010 | 1010 | 1020 | 1020 | 1010 | 1040 | 1030 | 1040 | 990 | 980 | 980 | 1020 | 990 | 980 | 980 | 980 | 990 | 990 | 990 | 1000 | 1000 | 1040 |
| 28 | 1000 | 1000 | 1020 | 1030 | 1020 | 1010 | 1010 | 1010 | 1010 | 1030 | 1050 | 1060 | 1070 | 1010 | 1000 | 1000 | 980 | 980 | 960 | 980 | 990 | 990 | 1000 | 990 | 1010 | 1070 |
| 29 | 1020 | 990 | 990 | 980 | 980 | 990 | 1000 | 1010 | 1020 | 1070 | 1020 | 1020 | (CA) | 1640 | 2060 | 2390 | 1680 | 1500 | 1620 | 2020 | 2020 | 2030 | 1900 | 2040 | 1430 | 2390 |
| 30 | 1920 | 1600 | 1830 | 1540 | 1550 | 1400 | 1430 | 1610 | 1510 | 1890 | 1990 | 2220 | 3070 | 3100 | 3450 | 2870 | 2870 | 1540 | 1670 | 2190 | 2650 | 2290 | 1820 | 1710 | 2070 | 3450 |
| 31 | (-) | (-) | (-) | (-) | (-) | (-) | (-) | (-) | (-) | (-) | (-) | (-) | (-) | (-) | (-) | (-) | (-) | (-) | (-) | (-) | (-) | (-) | (-) | (-) | (-) | (-) |
| AV | 1040 | 1040 | 1040 | 1020 | 1090 | 1030 | 1040 | 1060 | 1060 | 1100 | 1170 | 1220 | 1400 | 1660 | 1590 | 1630 | 1490 | 1350 | 1380 | 1140 | 1090 | 1080 | 1060 | 1060 | 1190 | ( ) |
| SD | 175 | 158 | 155 | 104 | 322 | 82 | 105 | 115 | 106 | 253 | 396 | 493 | 1068 | 1336 | 1226 | 1327 | 1205 | 1127 | 1175 | 407 | 553 | 303 | 223 | 232 | 390 | ( ) |

OUTPT (VERSION N 28 JUL 76)

TOTAL HYDROCARBONS
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JULY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********

**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | DEA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1770 | 2180 | 2510 | 2040 | 1710 | 1640 | 1970 | 2290 | 1760 | 2550 | 2220 | 1820 | 2190 | 2460 | 2440 | 2490 | 2650 | 2790 | 2770 | 3020 | 2690 | 2370 | 2110 | 1690 | 2260 | 4920 |
| 2 | 1690 | 1720 | 2380 | 2180 | 2160 | 1890 | 2210 | 1900 | 1580 | (CA) | 930 | 990 | 1000 | 1060 | 3140 | 6160 | 5650 | 3010 | 2390 | 980 | 990 | 1030 | 1010 | 1120 | 2050 | 6160 |
| 3 | 1010 | 1010 | 1010 | 1010 | 1020 | 1010 | 1060 | 1010 | 1010 | 1040 | 990 | 1000 | 1030 | 1070 | 1000 | 1000 | 1000 | 1000 | 1000 | 990 | 990 | 980 | 990 | 990 | 1010 | 1070 |
| 4 | 990 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1020 | 1060 | 1050 | 1010 | 1020 | 1000 | 1250 | 1120 | 2500 | 5010 | 3570 | 1160 | 960 | 970 | 980 | 1050 | 1030 | 1380 | 5510 |
| 5 | 1010 | 1030 | 1000 | 1000 | 1000 | 1000 | 1010 | 1040 | 1070 | (CA) | 1020 | 1000 | 1040 | 990 | 1120 | 2800 | 1180 | 970 | 960 | 970 | 990 | 970 | 960 | 960 | 1090 | 2800 |
| 6 | 970 | 970 | 990 | 1060 | 1020 | 990 | 1000 | 1000 | 1000 | 990 | 1010 | 980 | 1240 | 990 | 2730 | 5270 | 1240 | 990 | 950 | 950 | 960 | 1060 | 970 | 970 | 1260 | 5270 |
| 7 | 970 | 990 | 990 | 960 | 990 | 960 | 960 | 960 | 970 | 950 | 950 | 2780 | 5870 | 6100 | 6050 | 5870 | 5370 | 4390 | 5590 | 1020 | 1020 | 950 | 1600 | 1410 | 2420 | 6100 |
| 8 | 1040 | 970 | 1030 | 980 | 970 | 960 | 960 | 960 | 1000 | 990 | 950 | 960 | 950 | 960 | 950 | 950 | 980 | 950 | 970 | 950 | 970 | 960 | 990 | 960 | 970 | 1040 |
| 9 | 1020 | 960 | 960 | 1000 | 960 | 960 | 1020 | 1110 | 1040 | 950 | 1010 | 950 | 950 | 950 | 2820 | 1000 | 1000 | 940 | 1020 | 1040 | 950 | 960 | 1990 | 960 | 1110 | 2820 |
| 10 | 980 | 980 | 960 | 960 | 960 | 960 | 960 | 960 | 950 | 950 | 950 | 960 | 980 | 950 | 950 | 1100 | 4260 | 1100 | 960 | 980 | 1160 | 1160 | 970 | 970 | 1020 | 4260 |
| 11 | 990 | 970 | 960 | 970 | 960 | 980 | 960 | 960 | 950 | 980 | (CA) | 940 | 940 | 930 | 930 | 2870 | 980 | 1160 | 980 | 950 | 960 | 950 | 950 | 930 | 1050 | 2870 |
| 12 | 950 | 940 | 990 | 950 | 1000 | 950 | 960 | 1010 | 980 | 1000 | 950 | 960 | 1110 | 920 | 1110 | 970 | 940 | 980 | 950 | 940 | 990 | 1010 | 1000 | 970 | 980 | 1110 |
| 13 | 950 | 1010 | 1000 | 1010 | 980 | 960 | 1000 | 980 | 950 | 980 | 1030 | 1000 | 950 | 950 | 960 | 1180 | 950 | 950 | 980 | 960 | 1020 | 1020 | 1040 | 970 | 990 | 1180 |
| 14 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1010 | 1010 | 970 | 1010 | 1000 | 1010 | 990 | 1000 | 980 | 970 | 970 | 1010 | 980 | 980 | 990 | 1010 | 1000 | 1010 |
| 15 | 1000 | 1000 | 980 | 980 | 980 | 990 | 990 | 1010 | 1120 | 1170 | 1000 | 1000 | 1070 | 1030 | 990 | 980 | 980 | 1050 | 990 | 980 | 1070 | 1010 | 990 | 990 | 1010 | 1170 |
| 16 | 980 | 1000 | 980 | 970 | 970 | 980 | 970 | 1010 | 1070 | 1010 | 970 | 960 | 950 | 940 | 950 | 920 | 920 | 920 | 930 | 970 | 930 | 940 | 1020 | 1000 | 970 | 1070 |
| 17 | 950 | 920 | 970 | 930 | 930 | 920 | 910 | 950 | 900 | (CA) | 920 | 890 | 890 | 920 | 890 | 890 | 900 | 910 | 910 | 910 | 1000 | 940 | 940 | 970 | 920 | 1000 |
| 18 | 940 | 920 | 960 | 930 | 1000 | 1010 | 1170 | 990 | 960 | 970 | 920 | 920 | 950 | 930 | 920 | 950 | 910 | 910 | 950 | 980 | 910 | 970 | 940 | 950 | 960 | 1170 |
| 19 | 920 | 980 | 940 | 950 | 950 | 960 | 1010 | 1040 | 990 | 950 | 940 | 930 | 960 | 940 | 920 | 1080 | 940 | 1030 | 960 | 940 | 970 | 950 | 950 | 950 | 970 | 1080 |
| 20 | 930 | 980 | 990 | 940 | 1030 | 950 | 960 | 960 | 1000 | 1030 | 970 | 910 | 970 | 970 | 970 | 1340 | 950 | 940 | 1040 | 940 | 950 | 1050 | 1010 | 1010 | 990 | 1340 |
| 21 | 950 | 960 | 960 | 960 | 960 | 960 | 1040 | 1000 | 960 | 960 | 950 | 960 | 960 | 950 | 990 | 950 | 960 | 960 | 960 | 970 | 980 | 1040 | 1040 | 1000 | 970 | 1040 |
| 22 | 980 | 970 | 970 | 1010 | 990 | 980 | 980 | 990 | 1140 | 1050 | 1020 | 1050 | 1050 | 1000 | 1000 | 1010 | 1030 | 1010 | 980 | 970 | 980 | 980 | 990 | 1020 | 1010 | 1140 |
| 23 | 990 | 990 | 1030 | 1020 | 1000 | 1000 | 1010 | 1140 | 1170 | 1130 | (PF) | (PF) | 1130 | 990 | 1000 | 1000 | 930 | 920 | 920 | 910 | 910 | 920 | 930 | 970 | 1000 | 1170 |
| 24 | 910 | 920 | 930 | 920 | 920 | 1040 | 920 | 950 | 950 | 940 | 910 | 910 | 900 | 900 | 900 | 900 | 3990 | 1040 | 1020 | 990 | 980 | 970 | 1000 | 980 | 1110 | 3990 |
| 25 | 1010 | 970 | 980 | 1050 | 1070 | 1120 | 970 | 980 | 1040 | 980 | 960 | 960 | 1250 | 5530 | 1050 | 5320 | 1010 | 1110 | 990 | 1010 | 1010 | 1070 | 1030 | 1070 | 1310 | 5530 |
| 26 | 980 | 980 | 980 | 980 | 980 | 980 | 980 | 1050 | 1110 | 1050 | 1170 | (CA) | 990 | 990 | 990 | 3390 | 1050 | 1020 | 1030 | 990 | 1060 | 980 | 1030 | 980 | 1120 | 3390 |
| 27 | 1000 | 980 | 980 | 1000 | 970 | 980 | 970 | 1040 | 1030 | 990 | 990 | 970 | 990 | 970 | 990 | 980 | 1000 | 960 | 960 | 960 | 1010 | 1050 | 970 | 970 | 990 | 1050 |
| 28 | 970 | 980 | 980 | 1000 | 1000 | 1020 | 1000 | 1060 | 1020 | 990 | 1040 | 1190 | 2510 | 2870 | 2310 | 590 | 970 | 970 | 980 | 1020 | 1150 | 1030 | 1030 | 1010 | 1270 | 2870 |
| 29 | 1050 | 1030 | 1010 | 1010 | 1020 | 1160 | 990 | 990 | 990 | 970 | 950 | 980 | (CA) | 1190 | 960 | 950 | 940 | 940 | 940 | 1040 | 960 | 960 | 950 | 950 | 1000 | 1190 |
| 30 | 960 | 980 | 1080 | 1010 | 1020 | 1110 | 1000 | 980 | 1010 | 1010 | 970 | 960 | 990 | 930 | 930 | 920 | 930 | 920 | 950 | 950 | 950 | 950 | 940 | 940 | 970 | 1110 |
| 31 | 970 | 930 | 940 | 930 | 910 | 910 | 940 | 930 | 910 | 960 | 940 | 910 | 960 | 950 | 950 | 920 | 920 | 1110 | 930 | 990 | 1180 | 990 | 1110 | 970 | 970 | 1180 |
| AV | 1030 | 1040 | 1080 | 1060 | 1050 | 1040 | 1060 | 1070 | 1050 | 1060 | 1020 | 1070 | 1270 | 1410 | 1420 | 1830 | 1650 | 1290 | 1240 | 1040 | 1060 | 1040 | 1080 | 1020 | 1170 | ( ) |
| SD | 100 | 248 | 360 | 279 | 243 | 199 | 276 | 277 | 166 | 292 | 232 | 563 | 939 | 1245 | 1060 | 1501 | 1450 | 735 | 954 | 365 | 340 | 249 | 280 | 141 | 372 | ( ) |

OUTPT (VERSION N 28 JUL 76)

METHANE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MAY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********

**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVG | PA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1030 | 1040 | 1040 | 1060 | 1060 | 1070 | 1060 | 1050 | 1060 | 1070 | 1030 | 1010 | 1020 | 1020 | 1020 | 1010 | 1000 | 1000 | 1000 | 990 | 1000 | 1010 | 1010 | 1010 | 1030 | 1070 |
| 2 | 1010 | 1020 | 1010 | 1020 | 1020 | 1010 | 1030 | 1140 | 1140 | 1070 | 1010 | 1000 | 1000 | 990 | 980 | 980 | 1060 | 990 | 980 | 990 | 980 | 990 | 1010 | 1020 | 1020 | 1140 |
| 3 | 960 | 960 | 960 | 960 | 960 | 960 | 1030 | 960 | 1030 | 960 | 960 | 960 | 1010 | 900 | 1020 | 1010 | 1020 | 1010 | 1010 | 1010 | 1010 | 1000 | 1000 | 1000 | 990 | 1030 |
| 4 | 1000 | 1010 | 1000 | 1000 | 1000 | 990 | 990 | 990 | 990 | 1090 | 990 | 1010 | 990 | 980 | 970 | 970 | 970 | 970 | 990 | 980 | 990 | 970 | 990 | 970 | 990 | 1090 |
| 5 | 980 | 970 | 980 | 980 | 980 | 980 | 980 | 980 | 990 | 980 | 980 | 980 | 980 | 980 | 970 | 970 | 970 | 970 | 980 | 990 | 1000 | 980 | 980 | 990 | 980 | 1000 |
| 6 | 1000 | 990 | 990 | 990 | 990 | 990 | 980 | 990 | 990 | 980 | 980 | 1020 | 930 | 860 | 960 | 970 | 1170 | 970 | 980 | 980 | 970 | 960 | 960 | 970 | 980 | 1170 |
| 7 | 970 | 980 | 970 | 960 | 980 | 970 | 960 | 970 | 1000 | 1040 | 1120 | (CA) | 990 | 1030 | 1040 | 980 | 960 | 940 | 980 | 1060 | 1020 | 990 | 1000 | 980 | 990 | 11-0 |
| 8 | 980 | 990 | 1020 | 1000 | 990 | 990 | 1000 | 1000 | 1000 | 990 | 1000 | 1000 | 1000 | 990 | 980 | 980 | 990 | 990 | 1190 | 1000 | 1000 | 1000 | 1010 | 1000 | 1000 | 1190 |
| 9 | 1010 | 1010 | 1010 | 1000 | 1010 | 1010 | 1010 | 1020 | 1010 | 1010 | (CA) | 1000 | 1000 | 990 | 1020 | 1010 | 990 | 990 | 1000 | 1000 | 1000 | 1000 | 990 | 1000 | 1000 | 1020 |
| 10 | 990 | 990 | 990 | 1000 | 990 | 1030 | 1000 | 1020 | 1010 | 1000 | 1000 | 990 | 990 | 980 | 970 | 970 | 960 | 960 | 960 | 960 | 950 | 970 | 970 | 940 | 990 | 1030 |
| 11 | 980 | 980 | 980 | 990 | 980 | 980 | 1000 | 1000 | 970 | 960 | 940 | 940 | 940 | 770 | 950 | 950 | 940 | 940 | 960 | 960 | 1000 | 970 | 980 | 990 | 960 | 1000 |
| 12 | 970 | 970 | 970 | 900 | 970 | 960 | 900 | 960 | 960 | (CA) | (CA) | (CA) | (CA) | 990 | 990 | 1000 | 1000 | 990 | 1020 | 1010 | 1000 | 1000 | 990 | 1000 | 980 | 1020 |
| 13 | 990 | 1000 | 1000 | 1010 | 1020 | 1020 | 1020 | 1000 | 1010 | 1000 | 990 | 990 | 990 | 990 | 970 | 960 | 960 | 950 | 950 | 950 | 940 | 940 | 950 | 960 | 960 | 1020 |
| 14 | 950 | 960 | 960 | 960 | 940 | 970 | 960 | 1030 | 1100 | 970 | 940 | 930 | 930 | 920 | 920 | 920 | 930 | 920 | 910 | 910 | 1140 | 920 | 920 | 910 | 960 | 1140 |
| 15 | 950 | 950 | 960 | 980 | 1070 | 970 | 1050 | 960 | 990 | 970 | 1060 | 1000 | 1010 | 1040 | (CA) | 1030 | 1010 | 1000 | 1010 | 1010 | 1010 | 1020 | 1010 | 1010 | 1000 | 1070 |
| 16 | 1020 | 1020 | 1010 | 1020 | 1020 | 1030 | 1020 | 1010 | 1030 | 1060 | 1040 | 1010 | 1000 | 1000 | 1010 | 1000 | 1010 | 1010 | 1010 | 1000 | 990 | 990 | 990 | 990 | 1010 | 1050 |
| 17 | 1000 | 1010 | 1010 | 1010 | 1010 | 1020 | 1030 | 1010 | 1020 | 1020 | 1010 | 1000 | 1000 | 990 | 990 | 990 | 990 | 990 | 980 | 970 | 960 | 960 | 970 | 970 | 1000 | 1030 |
| 18 | 960 | 950 | 950 | 960 | 970 | 960 | 970 | 980 | 1000 | 990 | 960 | (CA) | 970 | 1200 | 930 | 930 | 930 | 930 | 930 | 930 | 940 | 940 | 980 | 930 | 960 | 1200 |
| 19 | 930 | 920 | 940 | 940 | 1050 | 940 | 940 | 950 | 940 | 940 | 940 | 950 | 950 | 960 | 950 | 940 | 940 | 950 | 940 | 940 | 950 | 950 | 960 | 950 | 950 | 1050 |
| 20 | 960 | 960 | 960 | 970 | 960 | 960 | 970 | 960 | 960 | 960 | 960 | 950 | 950 | 950 | 1040 | 940 | 950 | 950 | 950 | 960 | 960 | 950 | 960 | 960 | 960 | 1040 |
| 21 | 970 | 960 | 960 | 960 | 970 | 960 | 960 | 1010 | 1000 | 970 | 980 | 960 | 980 | 980 | 980 | 970 | 960 | 970 | 970 | 970 | 970 | 990 | 1000 | 990 | 980 | 1010 |
| 22 | 970 | 950 | 970 | 970 | 960 | 1000 | 960 | 970 | 950 | 960 | 950 | 960 | 960 | 970 | 960 | 950 | 970 | 970 | 960 | 970 | 970 | 960 | 970 | 970 | 970 | 1000 |
| 23 | 970 | 970 | 970 | 990 | 970 | 970 | 980 | 980 | 980 | 990 | 990 | 980 | 980 | 960 | 970 | 970 | 970 | 970 | 980 | 980 | 980 | 970 | 980 | 1020 | 980 | 1020 |
| 24 | 1020 | 1000 | 990 | 990 | 1010 | 990 | 990 | 1000 | 1000 | 990 | 940 | 970 | 980 | 980 | 980 | 980 | 960 | 970 | 960 | 960 | 950 | 960 | 970 | 970 | 980 | 1020 |
| 25 | 970 | 970 | 970 | 960 | 980 | 970 | 970 | 970 | 990 | 990 | 990 | 960 | 970 | 960 | 1060 | 970 | 960 | 960 | 960 | 970 | 970 | 970 | 970 | 970 | 970 | 1090 |
| 26 | 970 | 970 | 960 | 970 | 970 | 990 | 980 | 1060 | 980 | 990 | 980 | 980 | 980 | 970 | 970 | 980 | 990 | 980 | 980 | 980 | 980 | 980 | 980 | 980 | 980 | 1060 |
| 27 | 980 | 990 | 990 | 980 | 980 | 990 | 990 | 990 | 1000 | 1030 | 980 | 1000 | 980 | 970 | 960 | 960 | 960 | 960 | 960 | 960 | 960 | 960 | 960 | 960 | 950 | 1030 |
| 28 | 980 | 960 | 960 | 970 | 970 | 980 | 1050 | 990 | 1070 | 1020 | 990 | 960 | 960 | 960 | 960 | 950 | 1010 | 950 | 960 | 970 | 960 | 970 | 960 | 970 | 960 | 1070 |
| 29 | 960 | 970 | 990 | 1040 | 980 | 1010 | 990 | 1130 | 990 | 990 | 990 | 970 | 980 | 980 | 980 | 980 | 990 | 1000 | 990 | 1000 | 1020 | 1010 | 1030 | 1020 | 1000 | 1190 |
| 30 | 1020 | 1020 | 1010 | 1010 | 1020 | 1030 | 1030 | 1030 | 1040 | (CA) | 1010 | 1000 | 1020 | 1020 | 1020 | 1010 | 1020 | 1020 | 1010 | 1020 | 1030 | 1020 | 1010 | 1020 | 1020 | 1040 |
| 31 | 1020 | 1030 | 1030 | 1040 | 1040 | 1050 | 980 | 1050 | 1040 | 1040 | 1030 | 1020 | 1020 | 1080 | 1100 | 1020 | 1020 | 1030 | 1100 | 1030 | 1030 | 1030 | 1030 | 1030 | 1040 | 1100 |
| AV | 980 | 980 | 980 | 990 | 990 | 990 | 990 | 1010 | 1010 | 1000 | 990 | 980 | 980 | 980 | 980 | 980 | 990 | 980 | 990 | 980 | 990 | 980 | 980 | 980 | 990 | ( ) |
| SD | 25 | 26 | 25 | 32 | 32 | 30 | 34 | 50 | 41 | 39 | 38 | 24 | 24 | 67 | 35 | 26 | 45 | 25 | 50 | 26 | 37 | 25 | 24 | 28 | 21 | ( ) |

OUTPT (VERSION N 28 JUL 76)

METHANE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JUNE,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DAY | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1060 | 1050 | 1040 | 1050 | 1050 | 1040 | 1040 | 1050 | 1060 | 1050 | 1050 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | 1050 | 1 |
| 2 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | 1200 | 1010 | 1000 | 1090 | 1030 | 1010 | 1010 | 1050 | 1010 | 1020 | 1010 | 1020 | 1040 | 2 |
| 3 | 1020 | 1010 | 1010 | 1010 | 1030 | 1020 | 1030 | 1160 | 1120 | 1020 | 1000 | 1000 | 990 | 990 | 1000 | 1000 | 1010 | 1000 | 1000 | 1000 | 1020 | 1000 | 1010 | 1020 | 1020 | 3 |
| 4 | 1010 | 1020 | 1010 | 1010 | 1000 | 1000 | 1010 | 1080 | 1060 | 1000 | 1010 | 1000 | 1000 | 990 | 990 | 990 | 1020 | 990 | 990 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 4 |
| 5 | 1010 | 1010 | 1010 | 1000 | 1020 | 1010 | 1020 | 1030 | 1050 | 1020 | 1010 | 1110 | 1300 | 1010 | 1010 | 1220 | 970 | 980 | 970 | 970 | 970 | 1000 | 1000 | 1010 | 1030 | 5 |
| 6 | 1010 | 1000 | 970 | 970 | 980 | 1030 | 1130 | 1100 | 1030 | 950 | 920 | 960 | 1650 | 1010 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | 1050 | 6 |
| 7 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | 700 | 940 | 950 | 990 | 960 | 950 | 940 | 950 | 950 | 950 | 930 | 7 |
| 8 | 950 | 950 | 950 | 960 | 950 | 950 | 950 | 1000 | 930 | 930 | [CA] | 1060 | 1690 | 1500 | 1070 | 1020 | 1020 | 1020 | 1020 | 1020 | 1020 | 1020 | 1020 | 1020 | 1020 | 8 |
| 9 | 950 | 950 | 950 | 950 | 950 | 950 | 1010 | 1010 | 1010 | 1010 | 1010 | 940 | 1280 | 1010 | 1550 | 1140 | 3030 | 3250 | 1010 | 940 | 1140 | 990 | 990 | 990 | 1210 | 9 |
| 10 | 980 | 990 | 990 | 1030 | 950 | 980 | 980 | 980 | 980 | 940 | 1000 | 1070 | 2200 | 3740 | 6540 | 6540 | 6600 | 6070 | 6060 | 690 | 956 | 970 | 990 | 990 | 2229 | 10 |
| 11 | 990 | 980 | 970 | 980 | 980 | 970 | 980 | 990 | 980 | 990 | 1150 | 990 | 1000 | 960 | 970 | 1040 | 1110 | 960 | 990 | 990 | 1000 | 1000 | 1000 | 990 | 1030 | 11 |
| 12 | 990 | 990 | 1000 | 1000 | 990 | 1000 | 990 | 1000 | 1000 | 990 | 1000 | 990 | 990 | 990 | 990 | 990 | 980 | 980 | 980 | 990 | 990 | 1000 | 1000 | 990 | 990 | 12 |
| 13 | 1000 | 990 | 990 | 1000 | 1040 | 1010 | 1010 | 1010 | 1000 | 990 | 980 | 990 | 1000 | 990 | 970 | 990 | 990 | 980 | 1060 | 1010 | 1010 | 1020 | 1020 | 1030 | 1000 | 13 |
| 14 | 1030 | 1030 | 1040 | 1060 | 1050 | 1040 | 1030 | 1020 | 1000 | 990 | 980 | 980 | 1000 | 1000 | 1000 | 990 | 1000 | 990 | 1010 | 1010 | 1010 | 1020 | 1020 | 1010 | 1010 | 14 |
| 15 | 1000 | 1010 | 1030 | 1040 | 1030 | 1020 | 1030 | 1020 | 1030 | 1010 | 1010 | 990 | 1070 | 970 | 930 | 980 | 970 | 970 | 970 | 980 | 980 | 980 | 1020 | 980 | 1000 | 15 |
| 16 | 980 | 970 | 960 | 970 | 980 | 960 | 950 | 950 | 970 | 960 | 1020 | 970 | 990 | 960 | 950 | 790 | 920 | 950 | 940 | 940 | 940 | 950 | 950 | 900 | 940 | 16 |
| 17 | 890 | 930 | 940 | 930 | 930 | 930 | 940 | 940 | 950 | 940 | [CA] | 1030 | 990 | 980 | 980 | 950 | 960 | 960 | 950 | 960 | 960 | 960 | 970 | 960 | 950 | 17 |
| 18 | 970 | 970 | 990 | 990 | 1000 | 990 | 990 | 980 | 990 | 980 | 990 | 980 | 950 | 980 | 970 | 960 | 980 | 970 | 980 | 990 | 990 | 990 | 1010 | 1000 | 940 | 18 |
| 19 | 990 | 1000 | 1030 | 1090 | 1000 | 990 | 1000 | 1090 | 1000 | 1010 | 1010 | 990 | 990 | 980 | 980 | 980 | 990 | 990 | 990 | 1130 | 1140 | 980 | 990 | 990 | 1010 | 19 |
| 20 | 980 | 990 | 980 | 980 | 980 | 980 | 980 | 1020 | 1030 | [CA] | 990 | 1110 | 980 | 3280 | 3150 | 4520 | 3800 | 930 | 940 | 920 | 920 | 920 | 940 | 980 | 1450 | 20 |
| 21 | 930 | 940 | 950 | 940 | 950 | 950 | 940 | 940 | 930 | 920 | 920 | 1970 | 1310 | 1120 | 1250 | 1180 | 920 | 1050 | 930 | 920 | 990 | 920 | 930 | 920 | 1030 | 21 |
| 22 | 930 | 920 | 920 | 930 | 2630 | 940 | 930 | 1090 | 940 | 920 | 920 | 870 | 930 | 930 | 930 | 930 | 930 | 930 | 950 | 950 | 950 | 950 | 950 | 930 | 1010 | 22 |
| 23 | 960 | 950 | 960 | 970 | 980 | 970 | 960 | 990 | 980 | 970 | 960 | 960 | 970 | [CA] | 940 | 960 | 970 | 960 | 960 | 890 | 980 | 1000 | 1000 | 1000 | 970 | 23 |
| 24 | 980 | 990 | 990 | 990 | 1010 | 1010 | 1010 | 1000 | 970 | 970 | 970 | 970 | 960 | 960 | 970 | 990 | 960 | 960 | 960 | 1060 | 960 | 960 | 970 | 970 | 980 | 24 |
| 25 | 960 | 970 | 970 | 970 | 970 | 980 | 980 | 960 | 950 | 950 | 930 | 1120 | 1180 | 1050 | 1050 | 930 | 920 | 940 | 920 | 920 | 920 | 930 | 920 | 930 | 970 | 25 |
| 26 | 930 | 1070 | 950 | 930 | 940 | 950 | 960 | 1160 | 960 | 960 | 960 | 950 | [CA] | 960 | 950 | 950 | 950 | 940 | 940 | 950 | 960 | 960 | 950 | 960 | 960 | 26 |
| 27 | 960 | 960 | 970 | 970 | 970 | 970 | 980 | 960 | 960 | 970 | 970 | 950 | 940 | 940 | 940 | 960 | 930 | 930 | 930 | 950 | 1060 | 950 | 950 | 940 | 960 | 27 |
| 28 | 950 | 970 | 960 | 970 | 970 | 960 | 960 | 960 | 960 | 960 | 980 | 970 | 940 | 940 | 940 | 940 | 930 | 930 | 940 | 960 | 950 | 940 | 940 | 930 | 950 | 28 |
| 29 | 940 | 940 | 930 | 940 | 930 | 1080 | 950 | 960 | 950 | 950 | 960 | 950 | [CA] | 2690 | 920 | 920 | 990 | 920 | 920 | 920 | 930 | 990 | 990 | 1000 | 1030 | 29 |
| 30 | 960 | 1110 | 1000 | 970 | 980 | 980 | 1220 | 990 | 1070 | 960 | 1010 | 1040 | 1180 | 1010 | 3070 | 970 | 970 | 960 | 970 | 960 | 970 | 960 | 1040 | 950 | 1100 | 30 |
| 31 | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | 31 |
| AV | 980 | 990 | 980 | 980 | 1040 | 990 | 1000 | 1010 | 990 | 980 | 990 | 1030 | 1120 | 1260 | 1350 | 1320 | 1350 | 1250 | 1150 | 970 | 990 | 980 | 980 | 970 | 1060 | AV |
| SD | 35 | 42 | 32 | 35 | 307 | 35 | 59 | 58 | 67 | 34 | 46 | 192 | 270 | 722 | 1145 | 1202 | 1195 | 1090 | 545 | 52 | 54 | 30 | 32 | 46 | 245 | SD |

OUTPT (VERSION N 28 JUL 76)

METHANE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JULY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********

SUBJECT TO REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | MAX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 960 | 960 | 960 | 960 | 960 | 950 | 950 | 950 | 950 | 960 | 940 | 940 | 950 | 960 | 950 | 940 | 950 | 950 | 940 | 950 | 940 | 960 | 930 | 940 | 950 | 960 |
| 2 | 930 | 940 | 920 | 940 | 970 | 960 | 970 | 970 | 960 | (CA) | 950 | 950 | 970 | 960 | 3460 | 6400 | 6270 | 3070 | 1830 | 930 | 950 | 930 | 990 | 990 | 1660 | 6400 |
| 3 | 980 | 970 | 980 | 960 | 980 | 990 | 980 | 980 | 980 | 960 | 1020 | 940 | 950 | 960 | 960 | 960 | 970 | 950 | 950 | 980 | 960 | 950 | 960 | 950 | 970 | 1020 |
| 4 | 1000 | 970 | 970 | 970 | 980 | 970 | 970 | 970 | 980 | 960 | 950 | 940 | 950 | 1060 | 950 | 2350 | 4760 | 2520 | 960 | 920 | 920 | 920 | 930 | 970 | 1250 | 4760 |
| 5 | 960 | 1000 | 960 | 960 | 960 | 950 | 940 | 960 | 950 | (CA) | 940 | 930 | 1010 | 920 | 1130 | 1850 | 940 | 910 | 910 | 910 | 940 | 910 | 920 | 920 | 990 | 1850 |
| 6 | 930 | 930 | 950 | 940 | 950 | 940 | 950 | 950 | 940 | 930 | 960 | 930 | 940 | 930 | 1270 | 3550 | 1270 | 920 | 920 | 920 | 930 | 940 | 940 | 920 | 1070 | 3550 |
| 7 | 930 | 930 | 940 | 940 | 940 | 940 | 940 | 930 | 920 | 920 | 920 | 2430 | 5490 | 6250 | 6190 | 4650 | 4150 | 2560 | 3390 | 840 | 900 | 900 | 2240 | 2240 | 2180 | 6250 |
| 8 | 920 | 920 | 930 | 970 | 940 | 940 | 930 | 1070 | 930 | 960 | 1010 | 960 | 960 | 960 | 960 | 940 | 940 | 940 | 940 | 920 | 960 | 940 | 940 | 950 | 950 | 1070 |
| 9 | 940 | 950 | 950 | 940 | 950 | 950 | 960 | 1010 | 960 | 940 | 950 | 940 | 940 | 930 | 1520 | 930 | 930 | 920 | 920 | 1060 | 930 | 940 | 1370 | 930 | 990 | 1520 |
| 10 | 940 | 930 | 950 | 930 | 940 | 930 | 950 | 930 | 930 | 920 | 930 | 930 | 940 | 910 | 930 | 1260 | 1440 | 940 | 940 | 940 | 1060 | 1190 | 960 | 950 | 1070 | 1260 |
| 11 | 940 | 930 | 940 | 930 | 920 | 930 | 940 | 930 | 920 | 920 | (CA) | 930 | 930 | 870 | 940 | 1870 | 1120 | 1060 | 1000 | 900 | 900 | 910 | 900 | 900 | 980 | 1870 |
| 12 | 910 | 900 | 910 | 920 | 920 | 920 | 920 | 920 | 920 | 910 | 910 | 920 | 1070 | 920 | 920 | 920 | 920 | 910 | 910 | 910 | 920 | 960 | 940 | 940 | 930 | 1070 |
| 13 | 940 | 940 | 960 | 950 | 950 | 930 | 940 | 940 | 950 | 940 | 950 | 1010 | 930 | 940 | 940 | 920 | 930 | 930 | 940 | 940 | 940 | 950 | 950 | 950 | 950 | 1010 |
| 14 | 970 | 970 | 970 | 970 | 970 | 970 | 1030 | 1040 | 1040 | 1040 | 1030 | 970 | 980 | 970 | 980 | 1050 | 970 | 970 | 980 | 990 | 960 | 990 | 990 | 990 | 990 | 1050 |
| 15 | 1030 | 980 | 1000 | 990 | 990 | 1060 | 1000 | 990 | 1060 | 1270 | 1000 | 1000 | 1050 | 1010 | 1000 | 980 | 990 | 980 | 1020 | 1000 | 1020 | 1020 | 1020 | 1020 | 1020 | 1270 |
| 16 | 1010 | 930 | 1010 | 1110 | 1000 | 1000 | 1000 | 1060 | 1030 | 1040 | 990 | 970 | 960 | 970 | 960 | 1010 | 950 | 950 | 960 | 970 | 960 | 970 | 970 | 970 | 990 | 1110 |
| 17 | 960 | 960 | 960 | 960 | 960 | 1030 | 960 | 950 | 940 | (CA) | 930 | 930 | 930 | 930 | 930 | 930 | 940 | 940 | 950 | 950 | 950 | 980 | 960 | 960 | 950 | 1030 |
| 18 | 950 | 950 | 950 | 960 | 980 | 1010 | 970 | 960 | 960 | 950 | 940 | 940 | 950 | 960 | 950 | 960 | 940 | 940 | 940 | 940 | 1040 | 960 | 940 | 940 | 960 | 1040 |
| 19 | 940 | 940 | 950 | 960 | 970 | 970 | 960 | 990 | 960 | 950 | 940 | 930 | 930 | 920 | 930 | 1120 | 920 | 920 | 920 | 1310 | 940 | 940 | 940 | 950 | 970 | 1310 |
| 20 | 940 | 940 | 930 | 940 | 940 | 940 | 940 | 930 | 940 | 960 | 1000 | 950 | 930 | 930 | 930 | 1120 | 1120 | 930 | 920 | 930 | 930 | 930 | 930 | 940 | 950 | 1120 |
| 21 | 940 | 940 | 950 | 950 | 940 | 950 | 950 | 940 | 950 | 940 | 940 | 930 | 920 | 920 | 920 | 920 | 930 | 930 | 930 | 930 | 950 | 960 | 970 | 950 | 940 | 970 |
| 22 | 950 | 950 | 950 | 950 | 970 | 950 | 960 | 950 | 1010 | 960 | 980 | 1020 | 970 | 950 | 1040 | 1090 | 990 | 970 | 940 | 950 | 990 | 960 | 960 | 940 | 970 | 1090 |
| 23 | 960 | 960 | 980 | 990 | 970 | 970 | 980 | 980 | 1170 | 1040 | (PF) | (PF) | 910 | 880 | 890 | 890 | 860 | 870 | 880 | 870 | 870 | 880 | 870 | 870 | 930 | 1170 |
| 24 | 880 | 890 | 900 | 890 | 890 | 890 | 890 | 900 | 900 | 880 | 880 | 860 | 860 | 920 | 870 | 2060 | 1630 | 930 | 920 | 930 | 940 | 940 | 940 | 940 | 980 | 2060 |
| 25 | 940 | 940 | 940 | 950 | 950 | 950 | 950 | 950 | 940 | 930 | 950 | 930 | 1320 | 1570 | 1070 | 1460 | 950 | 960 | 950 | 980 | 950 | 960 | 950 | 950 | 1020 | 1570 |
| 26 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | (CA) | 950 | 940 | 940 | 1440 | 990 | 930 | 930 | 940 | 930 | 950 | 950 | 950 | 1000 | 1440 |
| 27 | 950 | 950 | 950 | 970 | 960 | 970 | 970 | 990 | 970 | 960 | 950 | 950 | 950 | 1370 | 950 | 960 | 950 | 950 | 960 | 950 | 950 | 950 | 950 | 970 | 980 | 1370 |
| 28 | 970 | 980 | 980 | 980 | 940 | 1000 | 990 | 990 | 980 | 980 | 970 | 1160 | 1300 | 2070 | 1170 | 970 | 970 | 960 | 980 | 1010 | 1030 | 1030 | 1030 | 1020 | 1060 | 2070 |
| 29 | 1020 | 1010 | 1010 | 1000 | 990 | 970 | 980 | 960 | 950 | 930 | 930 | 920 | (CA) | 1060 | 960 | 980 | 960 | 950 | 960 | 960 | 970 | 960 | 960 | 950 | 970 | 1060 |
| 30 | 960 | 970 | 960 | 1000 | 980 | 970 | 960 | 960 | 950 | 940 | 940 | 930 | 920 | 910 | 910 | 910 | 910 | 920 | 930 | 1070 | 950 | 940 | 940 | 940 | 950 | 1070 |
| 31 | 920 | 920 | 910 | 900 | 900 | 890 | 890 | 880 | 860 | 820 | 880 | 860 | 890 | 900 | 840 | 910 | 900 | 1030 | 950 | 940 | 950 | 970 | 960 | 950 | 930 | 1030 |
| AV | 950 | 950 | 960 | 960 | 960 | 960 | 960 | 960 | 970 | 960 | 950 | 1020 | 1130 | 1200 | 1240 | 1530 | 1420 | 1150 | 1050 | 960 | 950 | 960 | 1010 | 990 | 1050 | ( ) |
| SD | 33 | 20 | 28 | 38 | 27 | 36 | 30 | 38 | 50 | 71 | 37 | 365 | 816 | 956 | 1011 | 1192 | 1244 | 574 | 456 | 77 | 41 | 55 | 239 | 230 | 247 | ( ) |

OUTPT (VERSION N 28 JUL 76)

HYDROCARBONS (METHANE REDUCED)
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MAY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 40 | 40 | 50 | 30 | 30 | 40 | 40 | 60 | 70 | 40 | 50 | 70 | 40 | 50 | 40 | 80 | 80 | 40 | 50 | 60 | 40 | 50 | 50 | 40 | 50 |
| 2 | 40 | 40 | 60 | 50 | 40 | 50 | 80 | 280 | 170 | 120 | 60 | 120 | 40 | 50 | 50 | 50 | 0 | 50 | 140 | 40 | 50 | 40 | 40 | 40 | 70 |
| 3 | 90 | 90 | 90 | 90 | 90 | 90 | 20 | 220 | 150 | 220 | 220 | 90 | 40 | 170 | 80 | 60 | 100 | 70 | 80 | 60 | 60 | 150 | 50 | 50 | 100 |
| 4 | 80 | 30 | 60 | 80 | 120 | 70 | 60 | 60 | 50 | 0 | 110 | 10 | 40 | 50 | 150 | 60 | 40 | 50 | 20 | 60 | 120 | 50 | 210 | 70 | 70 |
| 5 | 50 | 50 | 120 | 50 | 50 | 50 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 50 | 60 | 60 | 70 | 60 | 70 | 100 | 60 | 200 | 60 | 60 | 70 |
| 6 | 60 | 60 | 170 | 160 | 90 | 140 | 70 | 80 | 80 | 80 | 50 | 60 | 170 | 230 | 60 | 250 | 450 | 360 | 380 | 790 | 630 | 460 | 420 | 450 | 240 |
| 7 | 450 | 350 | 310 | 310 | 300 | 510 | 320 | 310 | 380 | 450 | 450 | (CA) | 900 | 250 | 110 | 70 | 30 | 20 | 50 | 10 | 50 | 80 | 10 | 50 | 140 |
| 8 | 20 | 70 | 60 | 30 | 100 | 280 | 20 | 80 | 20 | 20 | 50 | 70 | 70 | 30 | 30 | 40 | 30 | 90 | 0 | 90 | 70 | 60 | 40 | 40 | 60 |
| 9 | 80 | 50 | 90 | 110 | 80 | 130 | 50 | 60 | 80 | 150 | (CA) | 50 | 100 | 50 | 80 | 20 | 50 | 40 | 30 | 40 | 120 | 30 | 250 | 40 | 80 |
| 10 | 40 | 50 | 40 | 60 | 40 | 0 | 40 | 40 | 30 | 70 | 80 | 110 | 40 | 40 | 80 | 50 | 110 | 70 | 40 | 100 | 60 | 40 | 70 | 40 | 60 |
| 11 | 30 | 60 | 50 | 50 | 50 | 80 | 60 | 140 | 40 | 40 | 60 | 60 | 80 | 120 | 40 | 50 | 60 | 50 | 40 | 50 | 30 | 80 | 50 | 50 | 60 |
| 12 | 200 | 70 | 140 | 140 | 70 | 70 | 200 | 200 | 200 | (CA) | (CA) | (CA) | (CA) | 70 | 60 | 50 | 50 | 50 | 20 | 50 | 170 | 40 | 110 | 70 | 100 |
| 13 | 60 | 60 | 50 | 50 | 50 | 60 | 50 | 70 | 70 | 50 | 60 | 220 | 120 | 50 | 60 | 120 | 80 | 100 | 120 | 50 | 50 | 190 | 50 | 30 | 80 |
| 14 | 50 | 40 | 50 | 80 | 50 | 70 | 40 | 140 | 110 | 90 | 100 | 90 | 50 | 50 | 40 | 70 | 50 | 80 | 60 | 60 | 0 | 60 | 40 | 60 | 60 |
| 15 | 40 | 50 | 60 | 20 | 0 | 50 | 0 | 50 | 70 | 50 | 460 | 470 | 440 | 10 | (CA) | 600 | 710 | 320 | 50 | 40 | 50 | 100 | 50 | 60 | 160 |
| 16 | 30 | 40 | 50 | 60 | 120 | 40 | 50 | 50 | 160 | 350 | 160 | 60 | 60 | 70 | 90 | 70 | 60 | 60 | 60 | 110 | 50 | 60 | 50 | 50 | 80 |
| 17 | 50 | 60 | 80 | 60 | 90 | 100 | 60 | 80 | 80 | 90 | 70 | 80 | 80 | 70 | 60 | 60 | 80 | 60 | 40 | 120 | 60 | 60 | 50 | 50 | 70 |
| 18 | 90 | 90 | 50 | 50 | 70 | 60 | 60 | 90 | 100 | 70 | 110 | (CA) | 60 | 0 | 80 | 80 | 70 | 70 | 60 | 60 | 40 | 260 | 20 | 50 | 70 |
| 19 | 50 | 40 | 50 | 70 | 0 | 50 | 80 | 50 | 40 | 50 | 50 | 50 | 70 | 50 | 40 | 120 | 0 | 60 | 50 | 70 | 40 | 70 | 50 | 50 | 50 |
| 20 | 50 | 40 | 90 | 70 | 50 | 60 | 160 | 60 | 50 | 60 | 90 | 60 | 40 | 50 | 0 | 60 | 70 | 140 | 50 | 40 | 110 | 90 | 90 | 60 | 70 |
| 21 | 60 | 80 | 30 | 30 | 60 | 140 | 60 | 140 | 130 | 90 | 140 | 0 | 50 | 100 | 70 | 80 | 40 | 60 | 40 | 40 | 390 | 40 | 150 | 40 | 90 |
| 22 | 70 | 70 | 50 | 50 | 50 | 290 | 70 | 60 | 90 | 40 | 40 | 30 | 210 | 90 | 70 | 80 | 70 | 80 | 80 | 120 | 60 | 70 | 150 | 50 | 90 |
| 23 | 70 | 40 | 40 | 100 | 190 | 50 | 200 | 40 | 50 | 80 | 90 | 50 | 50 | 90 | 60 | 90 | 120 | 60 | 50 | 50 | 60 | 90 | 120 | 90 | 80 |
| 24 | 90 | 70 | 110 | 80 | 70 | 140 | 60 | 50 | 110 | 80 | 50 | 60 | 110 | 50 | 220 | 240 | 60 | 80 | 60 | 60 | 20 | 80 | 40 | 50 | 90 |
| 25 | 70 | 60 | 50 | 50 | 50 | 50 | 60 | 60 | 90 | 70 | 70 | 70 | 60 | 70 | 20 | 80 | 90 | 40 | 50 | 70 | 50 | 50 | 50 | 50 | 60 |
| 26 | 50 | 50 | 60 | 50 | 50 | 70 | 70 | 0 | 50 | 70 | 70 | 70 | 60 | 60 | 50 | 100 | 50 | 90 | 60 | 70 | 60 | 50 | 40 | 50 | 60 |
| 27 | 50 | 70 | 60 | 60 | 60 | 60 | 50 | 50 | 90 | 220 | 80 | 50 | 60 | 50 | 50 | 50 | 50 | 10 | 50 | 50 | 40 | 50 | 40 | 60 | 60 |
| 28 | 40 | 50 | 50 | 70 | 40 | 40 | 30 | 190 | 210 | 110 | 70 | 50 | 60 | 110 | 60 | 90 | 40 | 50 | 70 | 90 | 60 | 40 | 50 | 70 | 70 |
| 29 | 50 | 50 | 40 | 20 | 50 | 70 | 60 | 0 | 80 | 70 | 50 | 70 | 60 | 40 | 100 | 80 | 60 | 40 | 50 | 40 | 50 | 50 | 40 | 50 | 50 |
| 30 | 100 | 50 | 50 | 190 | 70 | 60 | 50 | 120 | 50 | (CA) | 60 | 120 | 500 | 0 | 40 | 100 | 60 | 40 | 40 | 30 | 20 | 30 | 70 | 40 | 80 |
| 31 | 50 | 20 | 30 | 30 | 50 | 50 | 100 | 60 | 130 | 70 | 40 | 40 | 40 | 60 | 0 | 50 | 50 | 30 | 0 | 30 | 40 | 30 | 120 | 30 | 50 |
| AV | 70 | 60 | 70 | 80 | 70 | 100 | 80 | 100 | 100 | 100 | 100 | 80 | 130 | 70 | 70 | 100 | 90 | 80 | 60 | 90 | 90 | 90 | 80 | 60 | 80 |
| SD | 60 | 60 | 55 | 53 | 57 | 55 | 97 | 63 | 74 | 69 | 92 | 100 | 84 | 179 | 53 | 42 | 104 | 135 | 75 | 64 | 132 | 120 | 86 | 80 | 72 |

OUTPT (VERSION N 28 JUL 76)

HYDROCARBONS (METHANE REDUCED)
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JUNE,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 30 | 20 | 50 | 30 | 30 | 50 | 40 | 90 | 50 | 50 | 60 | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | 40 | 90 |
| 2 | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | 120 | 60 | 70 | 0 | 10 | 40 | 10 | 0 | 0 | 0 | 0 | 0 | 30 | 120 |
| 3 | 10 | 0 | 50 | 0 | 0 | 0 | 20 | 180 | 130 | 30 | 0 | 40 | 30 | 30 | 400 | 0 | 0 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 400 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 40 | 10 | 30 | 10 | 0 | 40 | 0 | 10 | 0 | 20 | 0 | 0 | 0 | 0 | 40 | 50 | 10 | 100 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 40 | 40 | 20 | 30 | 0 | 0 | 0 | 0 | 0 | 40 | 20 | 10 | 10 | 0 | 10 | 0 | 0 | 10 | 40 |
| 6 | 0 | 0 | 10 | 0 | 10 | 150 | 240 | 160 | 60 | 50 | 90 | 60 | 0 | 20 | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | 60 | 240 |
| 7 | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | 520 | 210 | 160 | 40 | 30 | 40 | 40 | 30 | 40 | 30 | 110 | 520 |
| 8 | 40 | 40 | 30 | 30 | 130 | 30 | 80 | 120 | 100 | 50 | (CA) | 160 | 180 | 1570 | 180 | 50 | 40 | 40 | 40 | 0 | 0 | 0 | 0 | 0 | 130 | 1570 |
| 9 | 40 | 40 | 40 | 40 | 0 | 40 | 0 | 0 | 40 | 170 | 40 | 100 | 0 | 1080 | 930 | 2960 | 230 | 940 | 3750 | 360 | 0 | 0 | 0 | 0 | 450 | 3750 |
| 10 | 0 | 0 | 10 | 0 | 0 | 10 | 10 | 20 | 30 | 1120 | 1830 | 1950 | 4050 | 2540 | 0 | 0 | 0 | 0 | 190 | 1730 | 50 | 20 | 10 | 0 | 570 | 4050 |
| 11 | 0 | 50 | 10 | 10 | 10 | 20 | 0 | 20 | 20 | 210 | 100 | 10 | 0 | 10 | 60 | 60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 30 | 210 |
| 12 | 0 | 170 | 70 | 0 | 0 | 0 | 10 | 0 | 20 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 20 | 0 | 0 | 10 | 170 |
| 13 | 0 | 0 | 0 | 50 | 50 | 20 | 60 | 20 | 10 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 60 |
| 14 | 0 | 90 | 30 | 10 | 20 | 0 | 30 | 0 | 40 | 10 | 10 | 0 | 10 | 20 | 30 | 40 | 10 | 10 | 0 | 0 | 0 | 30 | 0 | 0 | 20 | 90 |
| 15 | 10 | 0 | 10 | 0 | 10 | 10 | 0 | 70 | 10 | 50 | 10 | 40 | 0 | 50 | 70 | 70 | 20 | 20 | 10 | 70 | 30 | 20 | 0 | 20 | 30 | 70 |
| 16 | 20 | 30 | 30 | 30 | 20 | 30 | 30 | 50 | 60 | 50 | 0 | 60 | 70 | 50 | 40 | 170 | 50 | 40 | 60 | 40 | 40 | 20 | 30 | 160 | 50 | 170 |
| 17 | 70 | 40 | 60 | 30 | 50 | 40 | 60 | 40 | 40 | 60 | (CA) | 0 | 0 | 30 | 20 | 40 | 40 | 30 | 60 | 90 | 70 | 40 | 30 | 40 | 40 | 90 |
| 18 | 30 | 40 | 20 | 30 | 30 | 30 | 50 | 30 | 60 | 50 | 90 | 40 | 60 | 30 | 30 | 20 | 30 | 30 | 20 | 10 | 10 | 10 | 10 | 30 | 30 | 90 |
| 19 | 30 | 10 | 0 | 10 | 10 | 20 | 20 | 30 | 70 | 20 | 30 | 30 | 20 | 20 | 20 | 30 | 10 | 20 | 120 | 0 | 0 | 10 | 10 | 10 | 20 | 120 |
| 20 | 10 | 10 | 20 | 30 | 60 | 10 | 20 | 70 | 80 | (CA) | 80 | 20 | 20 | 1890 | 690 | 140 | 170 | 200 | 60 | 40 | 80 | 40 | 40 | 60 | 170 | 1890 |
| 21 | 40 | 20 | 30 | 40 | 20 | 20 | 20 | 20 | 30 | 30 | 390 | 370 | 1220 | 1990 | 1920 | 1730 | 600 | 220 | 280 | 30 | 0 | 30 | 60 | 40 | 380 | 1990 |
| 22 | 30 | 30 | 40 | 30 | 40 | 80 | 20 | 0 | 10 | 110 | 600 | 760 | 70 | 170 | 30 | 60 | 20 | 40 | 60 | 70 | 60 | 70 | 60 | 20 | 100 | 760 |
| 23 | 120 | 30 | 110 | 50 | 20 | 30 | 50 | 30 | 70 | 70 | 30 | 50 | 40 | (CA) | 10 | 30 | 20 | 160 | 40 | 110 | 20 | 50 | 80 | 20 | 50 | 160 |
| 24 | 50 | 20 | 10 | 30 | 10 | 20 | 20 | 30 | 50 | 30 | 30 | 20 | 40 | 30 | 30 | 10 | 30 | 30 | 30 | 0 | 30 | 30 | 20 | 40 | 30 | 50 |
| 25 | 40 | 40 | 40 | 40 | 30 | 20 | 30 | 50 | 40 | 40 | 40 | 40 | 40 | 170 | 170 | 0 | 40 | 20 | 200 | 30 | 40 | 40 | 40 | 40 | 50 | 200 |
| 26 | 40 | 0 | 40 | 50 | 40 | 40 | 70 | 0 | 50 | 40 | 100 | 50 | (CA) | 30 | 60 | 50 | 40 | 40 | 50 | 30 | 30 | 30 | 40 | 50 | 40 | 100 |
| 27 | 60 | 50 | 40 | 40 | 40 | 40 | 40 | 50 | 50 | 70 | 60 | 90 | 50 | 50 | 40 | 70 | 60 | 50 | 50 | 30 | 0 | 40 | 40 | 50 | 50 | 90 |
| 28 | 50 | 30 | 50 | 60 | 50 | 50 | 50 | 50 | 50 | 70 | 70 | 90 | 130 | 70 | 60 | 50 | 50 | 60 | 40 | 30 | 40 | 50 | 60 | 60 | 60 | 140 |
| 29 | 90 | 40 | 50 | 50 | 50 | 0 | 50 | 50 | 80 | 120 | 60 | 60 | (CA) | 0 | 1140 | 1470 | 690 | 570 | 700 | 1090 | 1100 | 1030 | 910 | 1040 | 450 | 1470 |
| 30 | 940 | 690 | 830 | 570 | 580 | 420 | 210 | 420 | 440 | 930 | 990 | 1160 | 1890 | 2090 | 380 | 1890 | 1900 | 580 | 700 | 1230 | 1660 | 1530 | 790 | 760 | 980 | 2090 |
| 31 | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) |
| AV | 60 | 50 | 60 | 50 | 50 | 40 | 40 | 60 | 60 | 130 | 180 | 190 | 310 | 450 | 250 | 330 | 150 | 110 | 230 | 180 | 120 | 110 | 80 | 90 | 130 | ( ) |
| SD | 171 | 127 | 150 | 103 | 106 | 79 | 55 | 82 | 77 | 259 | 394 | 430 | 861 | 766 | 435 | 715 | 374 | 204 | 700 | 421 | 359 | 301 | 215 | 230 | 214 | ( ) |

OUTPT (VERSION N 28 JUL 76)

HYDROCARBONS (METHANE REDUCED)
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JULY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | REA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 810 | 1220 | 1550 | 1080 | 750 | 690 | 1010 | 1350 | 750 | 1590 | 1270 | 840 | 1240 | 1520 | 1500 | 1550 | 1680 | 1840 | 1030 | 2070 | 1950 | 1510 | 1190 | 760 | 1320 | 2070 |
| 2 | 760 | 780 | 1460 | 1240 | 1190 | 930 | 1240 | 920 | 620 | (CA) | 0 | 40 | 40 | 40 | 0 | 0 | 0 | 0 | 560 | 50 | 40 | 50 | 30 | 130 | 440 | 1460 |
| 3 | 30 | 40 | 30 | 50 | 40 | 20 | 80 | 30 | 40 | 80 | 0 | 60 | 80 | 100 | 40 | 40 | 30 | 50 | 50 | 10 | 40 | 30 | 30 | 30 | 40 | 100 |
| 4 | 0 | 20 | 50 | 30 | 20 | 30 | 30 | 50 | 80 | 60 | 50 | 70 | 50 | 0 | 170 | 140 | 850 | 450 | 230 | 60 | 50 | 50 | 130 | 50 | 110 | 850 |
| 5 | 50 | 30 | 40 | 40 | 40 | 60 | 60 | 90 | 110 | (CA) | 80 | 70 | 50 | 80 | 0 | 950 | 250 | 50 | 50 | 60 | 60 | 60 | 40 | 50 | 100 | 950 |
| 6 | 40 | 40 | 40 | 80 | 60 | 50 | 50 | 50 | 60 | 50 | 40 | 50 | 300 | 70 | 1460 | 1710 | 0 | 70 | 30 | 30 | 40 | 120 | 20 | 50 | 190 | 1710 |
| 7 | 40 | 80 | 50 | 20 | 50 | 20 | 20 | 30 | 50 | 30 | 30 | 0 | 380 | 0 | 0 | 2040 | 1220 | 840 | 2600 | 130 | 150 | 60 | 0 | 0 | 320 | 2600 |
| 8 | 160 | 50 | 100 | 10 | 30 | 20 | 20 | 0 | 70 | 20 | 0 | 20 | 0 | 0 | 0 | 10 | 40 | 0 | 20 | 30 | 10 | 20 | 50 | 10 | 30 | 160 |
| 9 | 80 | 10 | 10 | 60 | 10 | 20 | 60 | 100 | 80 | 20 | 60 | 10 | 20 | 30 | 1300 | 70 | 80 | 20 | 100 | 0 | 20 | 20 | 630 | 20 | 120 | 1300 |
| 10 | 20 | 30 | 50 | 50 | 20 | 20 | 10 | 30 | 20 | 20 | 20 | 30 | 50 | 40 | 30 | 0 | 1790 | 160 | 40 | 40 | 30 | 0 | 10 | 10 | 100 | 1790 |
| 11 | 60 | 40 | 30 | 40 | 40 | 50 | 20 | 30 | 30 | 60 | (CA) | 0 | 0 | 60 | 0 | 1000 | 0 | 100 | 0 | 50 | 60 | 20 | 40 | 50 | 80 | 1000 |
| 12 | 40 | 30 | 80 | 60 | 80 | 20 | 50 | 90 | 60 | 90 | 40 | 30 | 40 | 0 | 190 | 50 | 20 | 70 | 40 | 30 | 70 | 50 | 60 | 30 | 60 | 190 |
| 13 | 20 | 70 | 40 | 70 | 20 | 30 | 60 | 40 | 40 | 40 | 80 | 0 | 30 | 20 | 30 | 270 | 20 | 20 | 40 | 20 | 20 | 60 | 80 | 20 | 50 | 270 |
| 14 | 30 | 30 | 30 | 30 | 30 | 30 | 0 | 0 | 0 | 0 | 0 | 40 | 20 | 40 | 10 | 0 | 0 | 0 | 0 | 20 | 0 | 0 | 0 | 20 | 10 | 40 |
| 15 | 0 | 20 | 0 | 0 | 0 | 0 | 0 | 20 | 60 | 0 | 0 | 0 | 20 | 10 | 0 | 0 | 0 | 70 | 0 | 0 | 50 | 0 | 0 | 0 | 10 | 70 |
| 16 | 0 | 70 | 0 | 0 | 0 | 0 | 0 | 20 | 40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 30 | 10 | 70 |
| 17 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | (CA) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 60 | 0 | 0 | 10 | 0 | 60 |
| 18 | 0 | 0 | 10 | 0 | 20 | 10 | 190 | 30 | 0 | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 40 | 0 | 20 | 0 | 10 | 20 | 190 |
| 19 | 0 | 30 | 0 | 0 | 0 | 0 | 60 | 50 | 30 | 10 | 0 | 0 | 30 | 20 | 0 | 0 | 20 | 110 | 60 | 0 | 30 | 20 | 10 | 0 | 20 | 110 |
| 20 | 0 | 40 | 60 | 10 | 90 | 10 | 10 | 20 | 60 | 70 | 0 | 0 | 40 | 40 | 40 | 220 | 0 | 10 | 120 | 20 | 20 | 120 | 80 | 70 | 50 | 220 |
| 21 | 10 | 20 | 10 | 10 | 20 | 20 | 90 | 60 | 20 | 20 | 20 | 40 | 30 | 30 | 70 | 30 | 30 | 30 | 30 | 30 | 30 | 80 | 70 | 40 | 30 | 90 |
| 22 | 20 | 30 | 50 | 60 | 20 | 20 | 30 | 30 | 150 | 80 | 40 | 30 | 80 | 50 | 0 | 0 | 40 | 40 | 30 | 20 | 0 | 20 | 50 | 60 | 40 | 150 |
| 23 | 30 | 30 | 50 | 30 | 20 | 30 | 30 | 160 | 0 | 90 | (PF) | (PF) | 220 | 110 | 110 | 120 | 50 | 40 | 50 | 40 | 40 | 40 | 60 | 100 | 70 | 220 |
| 24 | 30 | 30 | 30 | 30 | 30 | 150 | 30 | 50 | 50 | 60 | 30 | 50 | 40 | 40 | 0 | 30 | 1930 | 210 | 90 | 70 | 40 | 40 | 70 | 40 | 130 | 1930 |
| 25 | 70 | 30 | 40 | 100 | 110 | 180 | 20 | 30 | 100 | 40 | 40 | 30 | 0 | 3960 | 0 | 1460 | 60 | 150 | 40 | 20 | 60 | 110 | 80 | 120 | 300 | 3960 |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 100 | 40 | 160 | (CA) | 30 | 50 | 50 | 1950 | 50 | 90 | 100 | 60 | 130 | 20 | 80 | 10 | 130 | 1950 |
| 27 | 60 | 20 | 30 | 30 | 20 | 20 | 0 | 50 | 70 | 30 | 40 | 20 | 40 | 0 | 40 | 20 | 50 | 10 | 10 | 0 | 60 | 90 | 10 | 0 | 30 | 90 |
| 28 | 0 | 10 | 0 | 20 | 10 | 20 | 0 | 10 | 40 | 10 | 70 | 30 | 1510 | 600 | 1150 | 20 | 0 | 10 | 0 | 10 | 120 | 40 | 0 | 0 | 160 | 1510 |
| 29 | 30 | 20 | 10 | 10 | 30 | 190 | 10 | 30 | 40 | 40 | 30 | 70 | (CA) | 140 | 0 | 0 | 0 | 0 | 0 | 80 | 0 | 0 | 0 | 0 | 30 | 190 |
| 30 | 0 | 10 | 110 | 10 | 50 | 140 | 40 | 20 | 60 | 60 | 30 | 30 | 60 | 20 | 20 | 10 | 10 | 0 | 20 | 0 | 0 | 0 | 10 | 0 | 30 | 140 |
| 31 | 40 | 20 | 30 | 30 | 10 | 20 | 50 | 50 | 30 | 80 | 60 | 30 | 70 | 60 | 60 | 10 | 10 | 60 | 0 | 10 | 230 | 20 | 150 | 20 | 50 | 230 |
| AV | 80 | 90 | 130 | 100 | 90 | 90 | 110 | 110 | 90 | 100 | 80 | 60 | 150 | 240 | 200 | 390 | 270 | 150 | 200 | 100 | 110 | 90 | 100 | 60 | 130 | I 1 |
| SD | 169 | 246 | 363 | 280 | 239 | 198 | 272 | 276 | 160 | 289 | 228 | 157 | 341 | 740 | 448 | 674 | 564 | 350 | 549 | 361 | 339 | 262 | 228 | 135 | 258 | I 1 |

OUTPT (VERSION N 28 JUL 76)

CARBON MONOXIDE
(MILLIGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MAY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********

**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | .1 | .1 | .1 | .1 | .1 | .2 | .1 | .1 | .1 | .2 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .4 | .1 | .1 | .1 | .1 | .1 | .2 | .1 | .4 |
| 2 | .1 | .1 | .2 | .2 | .1 | .2 | .1 | .1 | .1 | .1 | .1 | .1 | .5 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .5 |
| 3 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .3 | .1 | .1 | .3 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .5 |
| 4 | .1 | .1 | .2 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .2 |
| 5 | .3 | .1 | .2 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .2 | .1 | .1 | .2 | .1 | .1 | .1 | .1 | .3 |
| 6 | .1 | .1 | .3 | .2 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .3 | .2 | .2 | .1 | .1 | .1 | .1 | .1 | .2 | .1 | .1 | .1 | .1 | .1 | .3 |
| 7 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | (CA) | .2 | .2 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .2 |
| 8 | .1 | .1 | .1 | .2 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .2 |
| 9 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | (CA) | .1 | .1 | .2 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .2 |
| 10 | .1 | .1 | .3 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .2 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .3 |
| 11 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .2 | .1 | .3 | .2 | .2 | .1 | .1 | .1 | .3 |
| 12 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | (CA) | (CA) | (CA) | (CA) | .1 | .3 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .3 |
| 13 | .1 | .1 | .3 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .2 | .1 | .2 | .2 | .1 | .1 | .1 | .1 | .2 |
| 14 | .1 | .3 | .0 | .1 | .1 | .0 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .0 | .2 | .1 | .1 | .1 | .1 | .0 | .0 | .1 | .1 | .1 | .1 | .3 |
| 15 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .2 | (CA) | .1 | .2 | .1 | .1 | .1 | .1 | .2 | .1 | .1 | .1 | .2 |
| 16 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .2 | .1 | .1 | .1 | .2 |
| 17 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .2 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .2 |
| 18 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .2 | .1 | .1 | (CA) | .1 | .1 | .1 | .2 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .2 |
| 19 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .2 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .2 |
| 20 | .1 | .1 | .1 | .1 | .1 | .1 | .2 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .2 | .1 | .1 | .1 | .2 |
| 21 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .2 | .1 | .1 | .1 | .1 | .1 | .1 | .2 | .1 | .2 |
| 22 | .1 | .1 | .1 | .1 | .2 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .2 |
| 23 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .2 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .2 |
| 24 | .1 | .1 | .3 | .1 | .1 | .1 | .1 | .1 | .1 | .2 | .1 | .1 | .1 | .1 | .1 | .1 | .2 | .1 | .3 | .2 | .1 | .1 | .1 | .1 | .1 | .3 |
| 25 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .3 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .3 |
| 26 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .2 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .2 | .1 | .1 | .1 | .1 | .2 |
| 27 | .1 | .1 | .2 | .1 | .1 | .1 | .1 | .2 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .2 |
| 28 | .1 | .2 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .3 | .1 | .2 | .1 | .1 | .3 | .1 | .3 | .2 | .1 | .2 | .1 | .3 |
| 29 | .2 | .2 | .1 | .1 | .2 | .1 | .3 | .1 | .1 | .1 | .1 | .1 | .1 | .2 | .1 | .1 | .2 | .1 | .1 | .1 | .2 | .1 | .2 | .1 | .1 | .3 |
| 30 | .1 | .1 | .1 | .1 | .3 | .1 | .1 | .1 | .1 | (CA) | .1 | .1 | .1 | .1 | .2 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .3 |
| 31 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .2 | .1 | .2 | .2 | .2 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .2 | .1 | .2 |
| AV | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | ( ) |
| SD | .0 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .1 | .1 | .0 | .0 | .0 | .1 | .0 | .0 | .1 | .0 | .0 | .0 | .0 | ( ) |

OUTPT (VERSION N 28 JUL 76)

CARBON MONOXIDE
(MILLIGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JUNE,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .3 | .1 | .1 | .1 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | .1 | .3 |
| 2 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | .1 | .1 | .1 | .1 | .0 | .0 | .0 | .2 | .1 | .0 | .0 | .0 | .1 | .2 |
| 3 | .0 | .0 | .0 | .0 | .0 | .1 | .0 | .0 | .0 | .0 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .3 | .1 | .1 | .1 | .3 |
| 4 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .3 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 |
| 5 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .3 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .2 | .1 | .3 |
| 6 | .1 | .1 | .0 | .1 | .1 | .0 | .2 | .0 | .0 | .0 | .0 | .0 | .1 | .2 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | .1 | .2 |
| 7 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | .2 | .1 | .1 | .1 | .1 | .0 | .0 | .1 | .1 | .0 | .1 | .2 |
| 8 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | [CA] | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 |
| 9 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .2 | .1 | .1 | .1 | .2 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .2 |
| 10 | .0 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .2 | .1 | .3 | .3 | .3 | .5 | .4 | .7 | .2 | .1 | .1 | .1 | .1 | .2 | .2 | .7 |
| 11 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .2 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .2 |
| 12 | .1 | .2 | .1 | .1 | .1 | .1 | .2 | .1 | .2 | .1 | .1 | .1 | .2 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .2 | .1 | .1 | .1 | .2 |
| 13 | .1 | .1 | .1 | .1 | .2 | .1 | .1 | .1 | .1 | .2 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .4 | .1 | .1 | .2 | .1 | .4 |
| 14 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 |
| 15 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .2 | .1 | .1 | .1 | .1 | .1 | .2 | .1 | .2 | .2 | .2 | .2 | .1 | .1 | .1 | .2 |
| 16 | .1 | .2 | .1 | .5 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .2 | .2 | .5 | .2 | .2 | .2 | .2 | .1 | .2 | .1 | .2 | .5 |
| 17 | .5 | .1 | .5 | .1 | .1 | .1 | .1 | .1 | .3 | .1 | [CA] | .3 | .1 | .3 | .2 | .1 | .1 | .1 | .1 | .2 | .2 | .1 | .4 | .1 | .2 | .5 |
| 18 | .1 | .1 | .4 | .6 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .2 | .1 | .1 | .2 | .2 | .2 | .2 | .2 | .2 | .2 | .2 | .6 |
| 19 | .2 | .3 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .4 | .2 | .1 | .1 | .1 | .2 | .1 | .1 | .2 | .1 | .1 | .2 | .2 | .3 | .2 | .4 |
| 20 | .6 | .1 | .1 | .1 | .1 | .1 | .2 | .1 | .1 | [CA] | .2 | .2 | .2 | .2 | .2 | .3 | .2 | .2 | .1 | .1 | .1 | .1 | .1 | .2 | .2 | .6 |
| 21 | .2 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .2 | .1 | .3 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .2 | .1 | .3 |
| 22 | .1 | .1 | .4 | .1 | .4 | .2 | .1 | .1 | .1 | .5 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .4 | .1 | .1 | .1 | .1 | .1 | .2 | .5 |
| 23 | .1 | .1 | .1 | .1 | .1 | .1 | .2 | .1 | .1 | .1 | .1 | .1 | .1 | [CA] | .1 | .1 | .1 | .7 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .7 |
| 24 | .1 | .1 | .1 | .3 | .2 | .1 | .1 | .1 | .2 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .5 |
| 25 | .1 | .1 | .1 | .4 | .1 | .1 | .1 | .1 | .1 | .1 | .0 | .1 | .1 | .1 | .2 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .4 |
| 26 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .2 | .1 | .1 | .1 | .1 | [CA] | .1 | .1 | .1 | .1 | .1 | .3 | .1 | .1 | .1 | .1 | .2 | .1 | .3 |
| 27 | .1 | .1 | .1 | .1 | .1 | .2 | .1 | .1 | .3 | .1 | .1 | .1 | .1 | .1 | .1 | .4 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .4 |
| 28 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .4 | .1 | .1 | .1 | .5 | .1 | .7 | .1 | .1 | .1 | .3 | .1 | .2 | .1 | .2 | .7 |
| 29 | .1 | .1 | .1 | .1 | .1 | .4 | .1 | .1 | .1 | .1 | .1 | .1 | [CA] | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .4 |
| 30 | .3 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .3 | .1 | .2 | .2 | .1 | .1 | .2 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .3 |
| 31 | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] |
| AV | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .2 | .2 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | [ ] |
| SD | .1 | .1 | .1 | .1 | .1 | .1 | .0 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .2 | .1 | .0 | .1 | .1 | .1 | .1 | .0 | [ ] |

OUTPT [VERSION N 28 JUL 76]

CARBON MONOXIDE
(MILLIGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JULY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********

SUBJECT TO REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

| DAY | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | .1 | .1 | .1 | .1 | .1 | .2 | .1 | .1 | .1 | .1 | .2 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .2 |
| 2 | .3 | .1 | .1 | .1 | .1 | .1 | .3 | .8 | .3 | [CA] | .1 | .1 | .1 | .1 | .2 | .2 | .2 | .1 | .1 | .1 | .4 | .1 | .1 | .3 | .2 | .8 |
| 3 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .2 | .1 | .1 | .3 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .7 | .1 | .4 | .1 | .3 | .1 | .2 | .7 |
| 4 | .1 | .1 | .1 | .1 | .2 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .2 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .2 |
| 5 | .3 | .1 | .0 | .4 | .1 | .1 | .1 | .1 | .1 | [CA] | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .3 | .1 | .1 | .6 | .1 | .6 |
| 6 | .1 | .1 | .1 | .2 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .2 | .2 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .2 |
| 7 | .1 | .1 | .7 | .3 | .1 | .1 | .1 | .1 | .3 | .1 | .1 | .2 | .1 | .3 | 1.3 | .1 | .1 | .1 | .1 | .1 | .2 | .1 | 1.2 | .6 | .3 | 1.3 |
| 8 | .1 | .1 | .1 | .3 | .1 | .1 | .1 | .1 | .1 | .8 | .1 | .1 | .1 | .1 | .3 | .2 | .1 | .1 | .1 | .1 | .1 | .8 | .1 | .1 | .2 | .8 |
| 9 | .2 | .1 | .1 | .1 | .1 | 1.3 | .1 | .1 | .1 | .1 | .5 | .1 | .1 | .1 | .1 | .1 | .4 | .1 | .1 | .1 | .1 | .1 | 1.3 | .1 | .2 | 1.3 |
| 10 | .2 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | 1.1 | .2 | .2 | .1 | .2 | .1 | .1 | .1 | .1 | .2 | 1.1 |
| 11 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | [CA] | .1 | .1 | .1 | .1 | .2 | .1 | .1 | .2 | .1 | .1 | .1 | .1 | .1 | .1 | .2 |
| 12 | .1 | .1 | .1 | .1 | .1 | .1 | .2 | .1 | .1 | .2 | .1 | .1 | .1 | .1 | .2 | .1 | .2 | .1 | .1 | .2 | .1 | .2 | .9 | .2 | .2 | .9 |
| 13 | .1 | .1 | .1 | .1 | .1 | .1 | .2 | .1 | .4 | .1 | .1 | .1 | .1 | .3 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .2 | .4 | .2 | .1 | .4 |
| 14 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .3 | .2 | .2 | .2 | .2 | .6 | .2 | .2 | .2 | .6 |
| 15 | .1 | .2 | .1 | .1 | .2 | .3 | .1 | .2 | .2 | .2 | .1 | .2 | .5 | .2 | .3 | .2 | .2 | .1 | .2 | .2 | .2 | .2 | .2 | .2 | .2 | .5 |
| 16 | .4 | .2 | .2 | .3 | .2 | .2 | 1.0 | .7 | .2 | .1 | .1 | .2 | .2 | .1 | .2 | .1 | .2 | .2 | .2 | .1 | .2 | .1 | .1 | .1 | .2 | 1.0 |
| 17 | .1 | .1 | .1 | .2 | .1 | .1 | .1 | .1 | .1 | [CA] | .1 | .1 | .1 | .1 | .1 | .1 | .2 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .2 |
| 18 | .1 | .1 | .1 | .1 | .1 | .9 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .2 | .1 | .3 | .1 | .1 | .1 | .8 | .1 | .1 | .1 | .2 | .9 |
| 19 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .3 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .3 |
| 20 | .1 | .1 | .1 | .1 | .1 | .4 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .2 | .1 | .1 | .4 |
| 21 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .2 | .1 | .1 | .1 | .2 | .7 | .1 | .1 | .1 | .1 | .1 | .1 | .7 | .2 | .7 |
| 22 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .3 | .1 | .4 | .1 | .2 | 1.1 | .1 | .8 | .1 | .5 | .3 | .2 | .1 | .1 | .1 | .1 | .1 | .2 | 1.1 |
| 23 | .3 | .1 | .1 | .1 | .1 | .2 | .1 | .1 | .1 | .2 | [PF] | [PF] | .6 | .1 | .1 | .1 | .1 | .2 | .3 | .2 | .1 | .4 | .1 | .1 | .2 | .6 |
| 24 | .2 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .2 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .2 |
| 25 | .1 | .1 | .1 | .1 | .1 | .1 | .2 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .2 | .1 | .1 | .1 | .1 | .1 | .2 |
| 26 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .2 | .3 | [CA] | .1 | .1 | .1 | .2 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .3 |
| 27 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .3 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .2 | .1 | .3 | .1 | .1 | .3 |
| 28 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .4 | .1 | .1 | .1 | .1 | .2 | .1 | .1 | .1 | .1 | .1 | .1 | 1.1 | .1 | .0 | .2 | 1.1 |
| 29 | .2 | .0 | .0 | .0 | .6 | .0 | .0 | .1 | .0 | .6 | .2 | .4 | [CA] | .2 | .3 | .3 | .2 | .2 | .2 | .1 | .2 | .1 | .1 | .2 | .2 | .6 |
| 30 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .3 | .1 | .0 | .0 | .1 | .4 | .1 | .1 | .1 | .1 | .1 | .1 | .6 | .1 | .1 | .1 | .1 | .6 |
| 31 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .2 | .2 | .3 | .2 | .4 | .3 | .4 | .2 | .2 | .2 | .4 |
| AV | .1 | .1 | .1 | .1 | .1 | .2 | .1 | .2 | .1 | .2 | .1 | .1 | .2 | .1 | .2 | .2 | .2 | .1 | .1 | .1 | .2 | .2 | .2 | .2 | .2 | [ ] |
| SD | .1 | .0 | .1 | .1 | .1 | .3 | .2 | .2 | .1 | .2 | .1 | .1 | .2 | .1 | .2 | .2 | .1 | .1 | .1 | .1 | .2 | .2 | .3 | .2 | .0 | [ ] |

OUTPT [VERSION N 28 JUL 76]

OXIDES OF NITROGEN
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MAY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DAY | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 10 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 10 | (CA) | (CA) | 30 | 30 | 30 | 40 | 30 | 30 | 20 | 20 | 40 | 20 | 20 | 20 | 20 | 40 |
| 8 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 10 | 20 | 20 | 20 | 20 | 20 |
| 9 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | (CA) | 10 | 20 | 20 | 20 | 20 | 20 | 30 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 30 |
| 10 | 20 | 20 | 20 | 10 | 10 | 10 | 10 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 30 | 20 | 20 | 20 | 10 | 10 | 10 | 20 | 30 |
| 11 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 20 | 20 | 10 | 10 | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 20 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 10 | 10 | 10 | 0 | 10 | 10 | 0 | 10 | 0 | 10 | 0 | 0 | 10 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | (MT) | (MT) | 30 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 10 | 10 | 30 |
| 14 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 20 |
| 15 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | (CA) | (CA) | (CA) | (CA) | (CA) | (CA) | (CA) | (OR) | (OR) | (OR) | (OR) | (OR) | (OR) | (OR) | 10 | 10 |
| 16 | (OR) | (OR) | (OR) | (OR) | (OR) | (OR) | (OR) | (OR) | (CA) | (CA) | (CA) | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 17 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 18 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | (CA) | 10 | 30 | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 30 |
| 19 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 20 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 21 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 22 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 20 | 20 | 10 | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 20 |
| 23 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 20 | 10 | 20 | 20 | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 20 | 10 | 20 | 10 | 20 |
| 24 | 20 | 10 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 10 | (CA) | 20 | 20 | 20 | 20 | 10 | 20 | 10 | 20 | 20 | 20 | 20 |
| 25 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 10 | 10 | 10 | 20 | 20 |
| 26 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 10 | 10 | 10 | 10 | 20 |
| 27 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 20 | 10 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 28 | 20 | 20 | 20 | 10 | 10 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 10 | 10 | 10 | 10 | 20 | 20 |
| 29 | 10 | 10 | 10 | 10 | 10 | 10 | 20 | 10 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 30 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | (CA) | 20 | (CA) | (CA) | 10 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 31 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 20 | 20 |
| AV | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | [ ] |
| SD | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 7 | 8 | 8 | 9 | 9 | 8 | 8 | 9 | 9 | 7 | 8 | 8 | 7 | 7 | 7 | 6 | [ ] |

OUTPT (VERSION N 28 JUL 76)

OXIDES OF NITROGEN
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JUNE,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 20 | 20 | 20 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | 10 | 20 |
| 2 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | 20 | 20 | 20 | 20 | 20 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 20 |
| 3 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 20 | 20 | 10 | 10 | 10 | 20 | 20 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 0 | 10 | 20 |
| 4 | 0 | 0 | 10 | 10 | 10 | 0 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 5 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | [CA] | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 0 | 0 | 0 | 10 | 10 |
| 6 | 0 | 10 | 10 | 0 | 0 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | 10 | 10 |
| 7 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 10 | 10 | 20 | 20 |
| 8 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 20 | 10 | [CA] | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 9 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 20 | 20 | 20 | 20 | 20 | 10 | 20 | 20 | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 20 |
| 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 20 | 20 | 20 | 20 | 20 | 20 | 10 | 20 | 50 | 20 | 20 | 20 | 10 | 10 | 10 | 10 | 20 | 50 |
| 11 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 20 | 20 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 20 |
| 12 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 20 | 20 | 20 | 20 | 10 | 10 | 10 | 20 | 10 | 10 | 10 | 10 | 20 |
| 13 | 10 | 10 | 10 | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 20 | 20 | 20 | 20 | 20 | 20 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 20 |
| 14 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | [CA] | 10 | 20 | 10 | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 20 |
| 15 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 20 | 10 | 20 | 20 | 20 | 10 | 10 | 10 | 20 | 10 | 10 | 10 | 10 | 20 |
| 16 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 20 | 10 | 10 | 20 | 10 | 20 | 50 | 10 | 20 | 20 | 20 | 20 | 10 | 10 | 50 | 20 | 50 |
| 17 | 40 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 20 | [CA] | 20 | 10 | 10 | 20 | 20 | 10 | 10 | 10 | 10 | 10 | 10 | 20 | 10 | 10 | 40 |
| 18 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 20 | 20 | 20 | 20 | 10 | 20 | 10 | 20 |
| 19 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 20 | 20 | 20 | 20 | 10 | 20 | 20 | 10 | 20 | 10 | 10 | 10 | 20 |
| 20 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 20 | 20 | 20 | 10 | 10 | 10 | 20 | 20 | 20 | 20 | 10 | 10 | 10 | 20 |
| 21 | 20 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 20 | 20 | 20 | 20 | 20 | 20 | 10 | 20 | 20 | 20 | 20 | 10 | 20 | 20 | 20 |
| 22 | 20 | 10 | 20 | 10 | 20 | 10 | 10 | 10 | 20 | 20 | 20 | 20 | 30 | 30 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 30 |
| 23 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 10 | 10 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 24 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 30 | 20 | 20 | 20 | 20 | 20 | 20 | 30 |
| 25 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 26 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | [CA] | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 27 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 28 | 20 | 20 | 10 | 10 | 10 | 10 | 10 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 10 | 20 | 20 |
| 29 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 20 | 10 | 20 | [CA] | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 30 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | 20 | 20 |
| 31 | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] |
| AV | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 10 | 10 | 10 | 10 | [ ] |
| SD | 8 | 5 | 4 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 5 | 5 | 6 | 5 | 9 | 4 | [ ] |

OUTPT [VERSION N 28 JUL 76]

OXIDES OF NITROGEN
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JULY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DAY | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | ( ) | ( ) |
| 2 | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | 20 | 20 | 20 | 30 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 30 |
| 3 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 30 | 30 | 20 | 20 | 20 | 20 | 20 | 30 |
| 4 | 20 | 20 | 20 | 20 | 10 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 30 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 30 |
| 5 | 20 | 20 | 20 | 20 | 20 | 20 | 10 | 20 | 20 | 20 | 20 | 20 | 30 | 20 | 30 | 30 | 20 | 20 | 20 | 30 | 20 | 20 | 20 | 20 | 20 | 30 |
| 6 | 20 | 20 | 20 | 20 | 10 | 10 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 10 | 20 | 30 | 30 | 20 | 20 | 20 | 20 | 20 | 30 |
| 7 | 20 | 10 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 30 | 20 | 30 | 30 | 20 | 30 | 20 | 30 | 30 | 20 | 20 | 20 | 20 | 20 | 30 |
| 8 | 20 | 20 | 20 | 20 | 20 | 20 | 10 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 9 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 10 | 20 | 20 | 20 | 20 | 20 | 10 | 10 | 20 | 10 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 11 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | [CA] | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 12 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 10 | 20 | 20 | 20 | 20 | 20 |
| 13 | 20 | 20 | 10 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 14 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | [CA] | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 10 | 10 | 20 | 20 | 20 | 20 |
| 15 | 20 | 10 | 10 | 10 | 10 | 20 | 10 | 10 | 20 | 20 | 20 | 20 | 20 | 20 | 10 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 10 | 20 | 20 | 20 |
| 16 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 10 | 20 | 10 | 20 | 20 | 20 |
| 17 | 20 | 10 | 20 | 20 | 20 | 20 | 20 | 20 | [CA] | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 18 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 30 | 30 | 30 | 30 | 30 | 20 | 20 | 20 | 20 | 20 | 30 | 20 | 30 |
| 19 | 20 | 20 | 20 | 20 | 20 | 30 | 30 | 20 | 30 | 30 | 20 | 30 | 30 | 30 | 30 | 30 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 30 |
| 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 30 | 30 | [CA] | 30 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 30 |
| 21 | 20 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 10 | 20 | 10 | 10 | 10 | 20 |
| 22 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 20 | 10 | 20 | 20 | 20 | 10 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 10 | 20 | 20 | 20 | 20 | 20 |
| 23 | 20 | 20 | 10 | 20 | 20 | 10 | 10 | 20 | 20 | 20 | [PF] | [PF] | [CA] | 20 | 30 | 20 | 30 | 30 | 20 | 20 | 30 | 20 | 20 | 20 | 20 | 30 |
| 24 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 30 | 20 | 20 | 20 | 30 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 30 |
| 25 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 30 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 30 |
| 26 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | [CA] | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 10 | 20 | 10 | 20 | 20 |
| 27 | 10 | 20 | 10 | 10 | 10 | 10 | 20 | 30 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 30 | 20 | 20 | 20 | 20 | 20 | 10 | 20 | 20 | 30 |
| 28 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 20 | 20 | 20 | 20 | 30 | 20 | 20 | 30 | 20 | 20 | 20 | 20 | 20 | 20 | 10 | 10 | 20 | 30 |
| 29 | 10 | 10 | 20 | 10 | 20 | 20 | 20 | 20 | 20 | 20 | 30 | 30 | [CA] | 20 | 20 | 20 | 20 | 20 | 20 | 10 | 10 | 20 | 20 | 20 | 20 | 30 |
| 30 | 20 | 20 | 20 | 20 | 10 | 10 | 10 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 10 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 31 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 30 | 20 | 30 | 30 | 30 | 30 | 20 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 20 | 30 | 30 | 30 |
| AV | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 ( ) | |
| 30 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 4 | 5 | 5 | 3 | 4 | 4 | 4 | 4 | 4 | 5 | 4 | 3 | 5 | 4 | 4 | 4 | 4 | 2 ( ) | |

OUTPT (VERSION N 28 JUL 76)

NITRIC OXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

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MAY,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 19/SEP/76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PCT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | [CA] | [CA] | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 0 | 0 | 0 | 0 | 0 | 10 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 10 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | [CA] | 0 | 0 | 10 | 10 | 10 | 10 | 20 | 10 | 10 | 0 | 10 | 0 | 0 | 0 | 20 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 10 | 20 | 20 | 20 | 20 | 20 | 20 | 10 | 10 | 10 | 10 | 0 | 10 | 20 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 0 | 0 | 0 | 0 | 0 | 10 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | [MT] | [MT] | 10 | 10 | 10 | 10 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | 0 | 0 |
| 16 | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [CA] | [CA] | [CA] | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | [CA] | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | [CA] | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | [CA] | 0 | [CA] | [CA] | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AV | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 ( ) | |
| SD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 2 | 3 | 3 | 3 | 5 | 5 | 5 | 5 | 6 | 5 | 3 | 2 | 2 | 2 | 0 | 2 ( ) | |

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NITRIC OXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JUNE,1976

AEROVIRONMENT INC.

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* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | DEAX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | 0 | 0 |
| 2 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | [CA] | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | 0 | 0 |
| 7 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | [CA] | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | [CA] | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | [CA] | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 10 |
| 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | [CA] | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 10 | 0 | 0 | 0 | 0 | 10 |
| 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | [CA] | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 10 |
| 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | 0 | 0 |
| 31 | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] |
| AV | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | [ ] |
| SD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 3 | 0 | 2 | 2 | 2 | 2 | 3 | 0 | 3 | 3 | 0 | 0 | 0 | 0 | [ ] |

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WHITE RIVER SHALE PROJECT,UTAH

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JULY,1976

AEROVIRONMENT INC.

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**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | DAYS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [ ] | [ ] |
| 2 | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 10 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | [CA] | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | [CA] | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | [CA] | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | [CA] | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | [PF] | [PF] | [CA] | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | [CA] | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | [CA] | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| AV | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 [ ] | |
| 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 2 | 0 | 5 | 0 | 0 | 2 | 0 | 0 | 0 | 0 [ ] | |

OUTPT [VERSION N 28 JUL 76]

NITROGEN DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MAY,1976

AEROVIRONMENT INC.

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* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | [CA] | [CA] | 20 | 20 | 10 | 10 | 10 | 20 | 10 | 10 | 20 | 20 | 20 | 20 | 10 | 20 |
| 8 | 20 | 20 | 20 | 20 | 20 | 10 | 20 | 20 | 10 | 20 | 20 | 20 | 20 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 0 | 10 | 10 | 10 | 10 | 20 |
| 9 | 10 | 20 | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 10 | [CA] | 10 | 10 | 0 | 10 | 0 | 0 | 0 | 0 | 10 | 10 | 10 | 20 | 10 | 10 | 20 |
| 10 | 10 | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 20 | 10 | 10 | 10 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 10 | 10 | 20 |
| 11 | 10 | 10 | 10 | 10 | 10 | 10 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 10 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 10 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | [RT] | [RT] | 20 | 20 | 20 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 20 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 15 | 10 | 10 | 10 | 10 | 10 | 10 | 0 | 0 | 0 | 10 | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | 10 | 10 |
| 16 | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [OR] | [CA] | [CA] | [CA] | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 0 | 10 | 10 |
| 17 | 0 | 10 | 0 | 10 | 0 | 0 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 0 | 10 | 10 | 10 | 0 | 10 | 10 |
| 18 | 10 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 10 | [CA] | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 19 | 10 | 0 | 0 | 10 | 10 | 0 | 10 | 10 | 0 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 0 | 10 | 10 | 10 | 10 | 10 |
| 20 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 21 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 22 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 23 | 10 | 10 | 0 | 10 | 10 | 0 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 24 | 20 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | [CA] | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 20 |
| 25 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 20 |
| 26 | 0 | 0 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 27 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 20 | 20 | 20 | 20 | 20 | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 20 |
| 28 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 20 | 10 | 20 | 20 | 20 | 10 | 20 | 10 | 20 | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 20 |
| 29 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 20 | 10 | 10 | 20 |
| 30 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | [CA] | 20 | [CA] | [CA] | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 20 |
| 31 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| AV | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 [ ] | |
| SD | 6 | 6 | 6 | 6 | 5 | 5 | 6 | 6 | 5 | 6 | 6 | 6 | 6 | 7 | 6 | 7 | 5 | 6 | 5 | 5 | 5 | 5 | 6 | 5 | 4 [ ] | |

OUTPT [VERSION N 28 JUL 76]

NITROGEN DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JUNE,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | DEA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | 10 | 10 |
| 2 | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | 20 | 20 | 20 | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 20 |
| 3 | 10 | 0 | 0 | 0 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 0 | 10 | 10 |
| 4 | 0 | 0 | 10 | 10 | 10 | 0 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 0 | 0 | 10 | 10 | 10 | 10 |
| 5 | 0 | 0 | 10 | 10 | 10 | 10 | 0 | 10 | 10 | 10 | (CA) | 10 | 10 | 10 | 10 | 10 | 10 | 0 | 10 | 10 | 10 | 0 | 0 | 0 | 10 | 10 |
| 6 | 0 | 10 | 10 | 0 | 0 | 10 | 10 | 10 | 10 | 0 | 10 | 10 | 10 | 10 | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | 10 | 10 |
| 7 | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | (PF) | 20 | 20 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 20 |
| 8 | 10 | 10 | 10 | 10 | 10 | 0 | 0 | 10 | 10 | (CA) | 10 | 10 | 20 | 10 | 10 | 10 | 20 | 20 | 10 | 20 | 20 | 20 | 10 | 10 | 10 | 20 |
| 9 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 0 | 10 | 10 | 10 | 10 | 10 | 10 | 0 | 0 | 10 | 10 |
| 10 | 10 | 0 | 0 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 0 | 0 | 10 | 10 |
| 11 | 0 | 0 | 0 | 0 | 0 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 0 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 12 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 0 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 13 | 10 | 0 | 0 | 0 | 10 | 10 | 10 | 10 | 0 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 0 | 0 | 10 | 0 | 0 | 0 | 10 | 10 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | (CA) | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 0 | 10 | 0 | 0 | 0 | 10 |
| 15 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 16 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 50 | 10 | 50 |
| 17 | 50 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | (CA) | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 50 |
| 18 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 0 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 19 | 10 | 10 | 0 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 20 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 21 | 10 | 10 | 10 | 0 | 0 | 0 | 0 | 10 | 10 | 10 | 10 | 10 | 10 | 20 | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 20 |
| 22 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 10 | 20 | 20 | 20 | 20 | 20 | 20 |
| 23 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 10 | 10 | 20 | 10 | 20 | 20 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 20 |
| 24 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 20 | 10 | 10 | 10 | 20 | 10 | 20 | 10 | 20 | 20 | 10 | 10 | 10 | 10 | 10 | 10 | 20 |
| 25 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 20 | 10 | 20 | 20 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 20 |
| 26 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | (CA) | 20 | 10 | 10 | 10 | 20 | 20 | 10 | 10 | 10 | 10 | 20 | 10 | 20 |
| 27 | 20 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 20 |
| 28 | 10 | 10 | 10 | 10 | 10 | 10 | 0 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 0 | 10 | 10 |
| 29 | 10 | 10 | 10 | 0 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | (CA) | 20 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 20 | 10 | 10 | 20 |
| 30 | 10 | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 20 | (CA) | (CA) | (CA) | (CA) | (CA) | (CA) | (CA) | (CA) | (CA) | (CA) | (CA) | (CA) | (CA) | 10 | 20 |
| 31 | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) |
| AV | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | [ ] |
| SD | 7 | 5 | 6 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 3 | 3 | 4 | 4 | 4 | 5 | 4 | 5 | 4 | 3 | 4 | 4 | 5 | 10 | 5 | ( ) |

NITROGEN DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JULY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | DLAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [ ] | [ ] |
| 2 | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | 10 | 10 | 20 | 20 | 10 | 20 | 10 | 10 | 20 | 10 | 20 | 10 | 10 | 20 | 10 | 20 |
| 3 | 10 | 10 | 10 | 10 | 10 | 10 | 20 | 10 | 10 | 10 | 10 | 20 | 10 | 20 | 10 | 10 | 10 | 20 | 20 | 20 | 10 | 10 | 10 | 10 | 10 | 20 |
| 4 | 10 | 10 | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 10 | 20 | 20 | 10 | 20 | 10 | 10 | 20 | 10 | 20 | 10 | 20 | 20 | 10 | 10 | 10 | 20 |
| 5 | 20 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 20 | 20 | 30 | 20 | 10 | 10 | 20 | 20 | 20 | 10 | 10 | 10 | 10 | 30 |
| 6 | 20 | 20 | 20 | 10 | 10 | 10 | 10 | 10 | 20 | 20 | 10 | 20 | 10 | 10 | 20 | 10 | 0 | 10 | 20 | 20 | 20 | 20 | 20 | 10 | 10 | 20 |
| 7 | 10 | 10 | 10 | 10 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 10 | 20 | 20 | 20 | 10 | 10 | 20 | 20 | 20 |
| 8 | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 20 | 10 | 10 | 20 | 20 | 20 | 10 | 10 | 10 | 20 | 10 | 10 | 20 | 10 | 20 |
| 9 | 10 | 10 | 10 | 20 | 10 | 10 | 10 | 20 | 20 | 20 | 20 | 20 | 20 | 10 | 10 | 10 | 20 | 20 | 20 | 10 | 20 | 20 | 10 | 10 | 20 | 20 |
| 10 | 10 | 10 | 20 | 10 | 10 | 10 | 0 | 10 | 0 | 20 | 10 | 10 | 20 | 20 | 10 | 20 | 10 | 20 | 20 | 20 | 20 | 20 | 10 | 10 | 10 | 20 |
| 11 | 20 | 20 | 20 | 10 | 20 | 20 | 20 | 20 | 10 | [CA] | 20 | 20 | 10 | 20 | 20 | 20 | 20 | 20 | 10 | 20 | 10 | 20 | 10 | 20 | 20 | 20 |
| 12 | 20 | 10 | 20 | 20 | 20 | 20 | 10 | 20 | 10 | 10 | 10 | 20 | 10 | 10 | 10 | 10 | 20 | 10 | 20 | 20 | 10 | 20 | 10 | 10 | 10 | 20 |
| 13 | 10 | 10 | 0 | 10 | 10 | 10 | 10 | 10 | 20 | 10 | 20 | 10 | 20 | 10 | 10 | 10 | 10 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 10 | 20 |
| 14 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | [CA] | 10 | 20 | 20 | 10 | 20 | 20 | 20 | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 10 | 20 |
| 15 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 20 | 20 | 20 | 20 | 10 | 10 | 10 | 10 | 20 | 10 | 10 | 10 | 20 | 10 | 10 | 10 | 20 |
| 16 | 0 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 20 | 20 | 10 | 20 | 20 | 10 | 20 | 20 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 20 |
| 17 | 10 | 0 | 10 | 10 | 20 | 10 | 20 | 20 | [CA] | 10 | 10 | 10 | 10 | 10 | 10 | 20 | 10 | 10 | 10 | 20 | 20 | 10 | 10 | 20 | 10 | 20 |
| 18 | 20 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 20 | 20 | 10 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 19 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 10 | 10 | 20 | 20 | 20 |
| 20 | 10 | 20 | 20 | 10 | 20 | 20 | 20 | 20 | 20 | 20 | [CA] | 20 | 20 | 20 | 20 | 20 | 20 | 10 | 20 | 20 | 10 | 10 | 20 | 10 | 20 | 20 |
| 21 | 10 | 0 | 0 | 0 | 10 | 10 | 10 | 10 | 10 | 10 | 20 | 10 | 20 | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 10 | 0 | 10 | 10 | 10 | 20 |
| 22 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 20 | 20 | 20 | 0 | 20 | 10 | 10 | 20 | 20 | 20 | 10 | 10 | 10 | 10 | 10 | 10 | 20 |
| 23 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | [PF] | [PF] | [CA] | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 10 | 10 | 20 | 10 | 20 |
| 24 | 20 | 20 | 20 | 20 | 20 | 10 | 20 | 20 | 10 | 20 | 20 | 30 | 20 | 20 | 20 | 20 | 20 | 20 | 10 | 10 | 10 | 10 | 10 | 20 | 20 | 30 |
| 25 | 20 | 20 | 20 | 10 | 10 | 10 | 20 | 10 | 10 | 20 | 20 | 20 | 10 | 20 | 10 | 20 | 10 | 10 | 10 | 20 | 20 | 20 | 20 | 10 | 20 | 20 |
| 26 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | [CA] | 10 | 20 | 20 | 20 | 20 | 20 | 10 | 10 | 10 | 10 | 0 | 10 | 10 | 10 | 20 |
| 27 | 0 | 10 | 10 | 0 | 10 | 10 | 10 | 20 | 20 | 20 | 20 | 20 | 20 | 10 | 20 | 20 | 20 | 10 | 10 | 20 | 20 | 20 | 10 | 10 | 10 | 20 |
| 28 | 10 | 10 | 10 | 10 | 10 | 0 | 0 | 10 | 20 | 10 | 20 | 20 | 20 | 20 | 10 | 20 | 10 | 20 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 20 |
| 29 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 20 | 10 | 20 | 20 | [CA] | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 20 |
| 30 | 10 | 10 | 10 | 10 | 10 | 10 | 0 | 10 | 10 | 20 | 20 | 10 | 20 | 20 | 10 | 10 | 10 | 10 | 10 | 10 | 20 | 10 | 20 | 20 | 10 | 20 |
| 31 | 20 | 10 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 30 | 20 | 20 | 20 | 20 | 30 |
| AV | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 10 | 20 | 20 | 20 | 10 | 10 | 10 | 10 | [ ] |
| SD | 6 | 5 | 6 | 5 | 4 | 5 | 6 | 5 | 5 | 5 | 5 | 5 | 6 | 5 | 6 | 5 | 6 | 5 | 5 | 5 | 6 | 6 | 4 | 5 | 3 | [ ] |

OUTPT [VERSION N 28 JUL 76]

OZONE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MAY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********

**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR [LOCAL STANDARD TIME]

| DAY | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 50 | 50 | 40 | 40 | 40 | 40 | 40 | 50 | 60 | 70 | 80 | 80 | 80 | 60 | 80 | 80 | 60 | 80 | 80 | 60 | 50 | 50 | 50 | 50 | 60 | 80 |
| 2 | 50 | 50 | 50 | 40 | 40 | 30 | 30 | 30 | 50 | 60 | 70 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 60 | 50 | 50 | 50 | 50 | 60 | 80 |
| 3 | 40 | 30 | 30 | 30 | 30 | 30 | 20 | 30 | 40 | 50 | 50 | 60 | 60 | 80 | 80 | 90 | 90 | 90 | 90 | 80 | 70 | 80 | 80 | 30 | 60 | 90 |
| 4 | 80 | 80 | 70 | 70 | 70 | 70 | 80 | 80 | 80 | 60 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 70 | 70 | 70 | 60 | 80 | 80 |
| 5 | 60 | 50 | 40 | 40 | 40 | 30 | 30 | 40 | 50 | 60 | 70 | 70 | 70 | 70 | 80 | 80 | 80 | 80 | 70 | 70 | 60 | 70 | 70 | 70 | 60 | 80 |
| 6 | 70 | 70 | 70 | 70 | 60 | 50 | 50 | 50 | 50 | 60 | 60 | 60 | 90 | 80 | 70 | 70 | 70 | 70 | 70 | 70 | 60 | 60 | 50 | 50 | 60 | 90 |
| 7 | 40 | 40 | 30 | 20 | 20 | 20 | 20 | 20 | 40 | 70 | [CA] | [CA] | 80 | 80 | 90 | 90 | 90 | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 50 | 90 |
| 8 | 30 | 30 | 50 | 60 | 60 | 50 | 60 | 60 | 70 | 70 | 80 | 70 | 80 | 90 | 90 | 80 | 80 | 80 | 70 | 60 | 60 | 50 | 50 | 40 | 60 | 90 |
| 9 | 40 | 40 | 50 | 50 | 40 | 30 | 30 | 30 | 50 | 60 | [CA] | 70 | 80 | 90 | 90 | 90 | 90 | 90 | 80 | 80 | 80 | 90 | 80 | 80 | 70 | 90 |
| 10 | 60 | 50 | 40 | 40 | 30 | 20 | 20 | 30 | 50 | 60 | 60 | 70 | 90 | 90 | 90 | 90 | 100 | 100 | 90 | 80 | 60 | 50 | 50 | 50 | 60 | 100 |
| 11 | 40 | 40 | 40 | 40 | 40 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 90 | 90 | 100 | 90 | 100 | 110 | 110 | 120 | 120 | 130 | 120 | 110 | 80 | 130 |
| 12 | 90 | 70 | 60 | 60 | 50 | 50 | 50 | 60 | 90 | 100 | 90 | 100 | 100 | 110 | 110 | 110 | 110 | 110 | 110 | 100 | 80 | 70 | 60 | 60 | 80 | 110 |
| 13 | 60 | 60 | 50 | 50 | 50 | 40 | 50 | 50 | 80 | 90 | 100 | 100 | 90 | 90 | 90 | 90 | 50 | 50 | 90 | 70 | 60 | 50 | 50 | 50 | 70 | 100 |
| 14 | 40 | 40 | 40 | 30 | 30 | 30 | 30 | 40 | 60 | 70 | 80 | 80 | 80 | 80 | 80 | 80 | 70 | 70 | 70 | 70 | 60 | 60 | 60 | 60 | 60 | 80 |
| 15 | 60 | 60 | 70 | 60 | 50 | 50 | 50 | 60 | 60 | 60 | 60 | 70 | 70 | [CA] | 80 | 90 | 90 | 80 | 80 | 80 | 80 | 70 | 70 | 70 | 70 | 90 |
| 16 | 70 | 60 | 60 | 60 | 50 | 50 | 60 | 60 | 60 | 70 | 70 | 80 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 80 | 60 | 50 | 50 | 50 | 70 | 90 |
| 17 | 50 | 50 | 40 | 40 | 30 | 30 | 30 | 40 | 60 | 80 | 90 | 90 | 90 | 90 | 100 | 100 | 100 | 100 | 90 | 80 | 80 | 80 | 80 | 60 | 70 | 100 |
| 18 | 60 | 60 | 50 | 50 | 40 | 40 | 40 | 50 | 60 | 70 | [CA] | 90 | 90 | 90 | 90 | 100 | 100 | 100 | 100 | 100 | 100 | 90 | 80 | 70 | 70 | 100 |
| 19 | 70 | 70 | 70 | 80 | 80 | 60 | 50 | 60 | 80 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 80 | 80 | 90 | 90 | 80 | 70 | 60 | 90 |
| 20 | 70 | 60 | 60 | 60 | 50 | 50 | 50 | 60 | 70 | 70 | 80 | 90 | 90 | 80 | 90 | 90 | 90 | 90 | 90 | 80 | 60 | 50 | 50 | 50 | 70 | 90 |
| 21 | 60 | 50 | 40 | 40 | 40 | 30 | 40 | 50 | 60 | 70 | 90 | 80 | 70 | 70 | 70 | 70 | 80 | 80 | 60 | 60 | 60 | 60 | 70 | 60 | 60 | 90 |
| 22 | 60 | 40 | 40 | 30 | 30 | 20 | 30 | 30 | 40 | 50 | 60 | 70 | 80 | 60 | 90 | 80 | 80 | 90 | 80 | 80 | 60 | 50 | 50 | 60 | 60 | 90 |
| 23 | 50 | 50 | 40 | 50 | 50 | 40 | 40 | 40 | 50 | 60 | 80 | 80 | 90 | 90 | 90 | 90 | 90 | 90 | 80 | 80 | 70 | 60 | 60 | 60 | 70 | 90 |
| 24 | 50 | 50 | 50 | 50 | 60 | 60 | 50 | 60 | 70 | 80 | 90 | 100 | 90 | 90 | [CA] | 100 | 100 | 90 | 80 | 60 | 50 | 50 | 60 | 50 | 70 | 100 |
| 25 | 50 | 50 | 40 | 30 | 40 | 40 | 40 | 40 | 60 | 70 | 90 | 100 | 100 | 100 | 100 | 100 | 90 | 100 | 100 | 90 | 80 | 70 | 60 | 50 | 70 | 100 |
| 26 | 50 | 50 | 40 | 40 | 40 | 40 | 40 | 50 | 70 | 90 | 100 | 100 | 100 | 110 | 110 | 110 | 110 | 110 | 110 | 100 | 70 | 60 | 60 | 60 | 80 | 110 |
| 27 | 50 | 50 | 50 | 40 | 40 | 40 | 40 | 50 | 70 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 80 | 60 | 60 | 50 | 50 | 70 | 90 |
| 28 | 50 | 40 | 40 | 40 | 30 | 30 | 30 | 40 | 50 | 60 | 70 | 90 | 100 | 110 | 110 | 110 | 100 | 100 | 100 | 100 | 90 | 90 | 80 | 70 | 70 | 110 |
| 29 | 60 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 70 | 80 | 100 | 110 | 110 | 110 | 100 | 100 | 100 | 100 | 100 | 100 | 90 | 90 | 80 | 80 | 80 | 110 |
| 30 | 60 | 60 | 60 | 50 | 50 | 40 | 40 | 50 | 70 | [CA] | 90 | 90 | 90 | 90 | 90 | 90 | 100 | 90 | 90 | 90 | 80 | 70 | 60 | 60 | 70 | 100 |
| 31 | 50 | 40 | 40 | 30 | 30 | 20 | 30 | 50 | 60 | 80 | 80 | 100 | 100 | 100 | 100 | 100 | 110 | 110 | 100 | 90 | 70 | 70 | 70 | 70 | 70 | 110 |
| AV | 60 | 50 | 50 | 50 | 40 | 40 | 40 | 50 | 60 | 70 | 80 | 80 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 80 | 70 | 70 | 60 | 60 | 70 | [ ] |
| SD | 13 | 12 | 11 | 14 | 13 | 13 | 13 | 12 | 12 | 12 | 13 | 13 | 11 | 11 | 10 | 10 | 11 | 11 | 13 | 14 | 16 | 18 | 16 | 15 | 8 | [ ] |

OUTPT [VERSION N 28 JUL 76]

OZONE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JUNE,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | DEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 60 | 50 | 50 | 50 | 50 | 40 | 40 | 50 | 70 | 80 | 100 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | 60 | 100 |
| 2 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 80 | 80 | 70 | 60 | 50 | 80 | 90 |
| 3 | 50 | 50 | 50 | 40 | 40 | 40 | 40 | 50 | 60 | 70 | 80 | 80 | 80 | 80 | 90 | 80 | 90 | 80 | 80 | 80 | 70 | 60 | 60 | 60 | 70 | 90 |
| 4 | 50 | 50 | 50 | 50 | 40 | 30 | 40 | 40 | 60 | 70 | 80 | 80 | 80 | 80 | 80 | 80 | 90 | 90 | 90 | 80 | 80 | 60 | 60 | 50 | 70 | 90 |
| 5 | 50 | 50 | 40 | 40 | 30 | 30 | 30 | 40 | 50 | 70 | [CA] | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 70 | 60 | 50 | 50 | 50 | 60 | 80 |
| 6 | 50 | 40 | 40 | 40 | 30 | 30 | 30 | 40 | 50 | 70 | 80 | 90 | 90 | 90 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | 60 | 90 |
| 7 | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | [PF] | 80 | 90 | 90 | 90 | 90 | 80 | 70 | 70 | 70 | 60 | 80 | 90 |
| 8 | 60 | 50 | 50 | 50 | 40 | 40 | 40 | 50 | 70 | [CA] | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 80 | 80 | 80 | 70 | 60 | 60 | 60 | 70 | 90 |
| 9 | 50 | 50 | 40 | 40 | 30 | 30 | 40 | 50 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 70 | 60 | 60 | 50 | 50 | 40 | 50 | 70 |
| 10 | 40 | 30 | 30 | 30 | 30 | 40 | 50 | 50 | 60 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 60 | 60 | 60 | 60 | 50 | 50 | 50 | 59 | 70 |
| 11 | 40 | 40 | 40 | 40 | 50 | 50 | 60 | 70 | 80 | 80 | 90 | 80 | 90 | 90 | 90 | 90 | 90 | 80 | 80 | 70 | 70 | 70 | 70 | 60 | 70 | 90 |
| 12 | 70 | 70 | 60 | 50 | 50 | 50 | 50 | 60 | 70 | 80 | 80 | 80 | 80 | 80 | 80 | 90 | 90 | 90 | 90 | 80 | 80 | 80 | 70 | 60 | 70 | 90 |
| 13 | 60 | 60 | 60 | 60 | 50 | 50 | 50 | 60 | 70 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 70 | 60 | 60 | 50 | 50 | 60 | 60 | 50 | 70 | 80 |
| 14 | 80 | 70 | 60 | 50 | 50 | 50 | 50 | 60 | 70 | 70 | [CA] | 80 | 80 | 80 | 80 | 90 | 90 | 90 | 80 | 60 | 60 | 50 | 40 | 40 | 70 | 90 |
| 15 | 30 | 30 | 30 | 20 | 20 | 20 | 20 | 30 | 50 | 60 | 60 | 70 | 70 | 70 | 70 | 80 | 90 | 100 | 100 | 80 | 80 | 70 | 70 | 70 | 60 | 100 |
| 16 | 70 | 70 | 70 | 60 | 50 | 50 | 40 | 50 | 60 | 70 | 70 | 110 | 80 | 90 | 90 | 110 | 90 | 100 | 90 | 100 | 120 | 110 | 120 | 130 | 80 | 130 |
| 17 | 120 | 110 | 90 | 70 | 60 | 60 | 60 | 70 | 90 | 90 | [CA] | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 70 | 60 | 70 | 60 | 80 | 120 |
| 18 | 50 | 40 | 30 | 20 | 20 | 20 | 20 | 40 | 60 | 70 | 80 | 90 | 100 | 100 | 100 | 100 | 100 | 110 | 100 | 80 | 80 | 70 | 70 | 60 | 70 | 110 |
| 19 | 50 | 40 | 40 | 40 | 30 | 30 | 30 | 50 | 50 | 60 | 80 | 90 | 100 | 100 | 100 | 100 | 100 | 90 | 90 | 90 | 70 | 60 | 50 | 50 | 70 | 100 |
| 20 | 40 | 40 | 40 | 40 | 40 | 30 | 30 | 40 | 60 | 60 | 80 | 90 | 90 | 90 | 90 | 100 | 100 | 100 | 100 | 100 | 90 | 90 | 90 | 80 | 70 | 100 |
| 21 | 70 | 70 | 70 | 60 | 50 | 50 | 50 | 50 | 70 | 70 | 80 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 80 | 70 | 70 | 80 | 90 |
| 22 | 70 | 70 | 70 | 60 | 80 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 80 | 90 | 90 | 100 | 90 | 80 | 70 | 60 | 80 | 70 | 80 | 100 |
| 23 | 60 | 50 | 50 | 40 | 30 | 30 | 40 | 70 | 90 | 90 | 100 | 100 | 100 | 100 | 110 | 110 | 120 | 110 | 100 | 100 | 90 | 90 | 80 | 50 | 80 | 120 |
| 24 | 50 | 50 | 50 | 50 | 40 | 40 | 50 | 50 | 70 | 80 | 90 | 90 | 100 | 100 | 110 | 110 | 110 | 100 | 110 | 110 | 100 | 100 | 90 | 80 | 80 | 110 |
| 25 | 70 | 60 | 50 | 40 | 40 | 40 | 40 | 50 | 70 | 70 | 80 | 80 | 80 | 80 | 80 | 70 | 70 | 70 | 60 | 60 | 70 | 70 | 60 | 50 | 69 | 80 |
| 26 | 50 | 50 | 50 | 40 | 40 | 40 | 50 | 70 | 80 | 90 | 90 | 90 | [CA] | 90 | 100 | 100 | 100 | 100 | 100 | 100 | 90 | 70 | 70 | 60 | 70 | 100 |
| 27 | 60 | 50 | 50 | 50 | 40 | 40 | 50 | 60 | 70 | 70 | 80 | 90 | 100 | 100 | 100 | 90 | 90 | 100 | 100 | 90 | 90 | 60 | 60 | 60 | 70 | 100 |
| 28 | 50 | 50 | 50 | 40 | 40 | 40 | 40 | 50 | 60 | 70 | 90 | 100 | 100 | 110 | 110 | 110 | 100 | 100 | 100 | 90 | 90 | 70 | 60 | 50 | 70 | 110 |
| 29 | 50 | 50 | 40 | 40 | 40 | 40 | 40 | 40 | 60 | 70 | 80 | [CA] | 80 | 80 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 80 | 80 | 70 | 90 |
| 30 | 80 | 80 | 70 | 70 | 60 | 50 | 50 | 60 | 70 | 80 | 80 | 80 | 100 | 30 | 80 | 80 | 60 | 80 | 70 | 80 | 60 | 60 | 50 | 60 | 70 | 100 |
| 31 | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] |
| AV | 60 | 50 | 50 | 50 | 40 | 40 | 40 | 50 | 70 | 70 | 80 | 80 | 90 | 80 | 90 | 90 | 90 | 90 | 90 | 80 | 80 | 70 | 70 | 60 | 70 | [ ] |
| SD | 17 | 16 | 14 | 13 | 13 | 11 | 11 | 11 | 11 | 9 | 10 | 10 | 11 | 15 | 12 | 13 | 12 | 14 | 12 | 14 | 15 | 15 | 16 | 17 | 8 | [ ] |

OUTPT [VERSION N 28 JUL 76]

OZONE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JULY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | DEAS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 60 | 70 | 60 | 60 | 70 | 70 | 80 | 70 | 80 | 80 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 80 | 70 | 60 | 60 | 80 | 90 |
| 2 | 50 | 80 | 90 | 90 | 80 | 70 | 60 | 60 | 70 | (CA) | 90 | 80 | 80 | 90 | 90 | 90 | 90 | 90 | 100 | 100 | 100 | 120 | 110 | 90 | 90 | 120 |
| 3 | 80 | 80 | 70 | 60 | 60 | 50 | 50 | 70 | 80 | 90 | 100 | 120 | 130 | 130 | 130 | 130 | 130 | 130 | 130 | 120 | 110 | 90 | 80 | 80 | 100 | 130 |
| 4 | 70 | 70 | 60 | 60 | 50 | 50 | 50 | 60 | 80 | 110 | 120 | 110 | 110 | 110 | 110 | 110 | 100 | 100 | 100 | 100 | 80 | 70 | 70 | 60 | 80 | 120 |
| 5 | 60 | 50 | 50 | 50 | 50 | 50 | 40 | 50 | 60 | 70 | 80 | 90 | 110 | 100 | 100 | 100 | 110 | 100 | 100 | 100 | 80 | 70 | 60 | 60 | 70 | 110 |
| 6 | 50 | 50 | 50 | 50 | 50 | 50 | 40 | 40 | 60 | 80 | 90 | 100 | 110 | 110 | 100 | 100 | 110 | 110 | 100 | 100 | 90 | 80 | 70 | 60 | 80 | 110 |
| 7 | 60 | 60 | 60 | 50 | 50 | 40 | 40 | 50 | 70 | 80 | 90 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 90 | 90 | 80 | 100 |
| 8 | 80 | 80 | 70 | 60 | 50 | 50 | 50 | 60 | 70 | 80 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 100 | 100 | 90 | 80 | 80 | 70 | 70 | 80 | 100 |
| 9 | 60 | 60 | 70 | 70 | 60 | 50 | 50 | 60 | 80 | 90 | 90 | 100 | 90 | 100 | 100 | 100 | 100 | 100 | 100 | 90 | 80 | 80 | 90 | 90 | 80 | 100 |
| 10 | 90 | 90 | 80 | 70 | 60 | 50 | 50 | 60 | 70 | 80 | 90 | 90 | 100 | 110 | 110 | 100 | 100 | 100 | 100 | 90 | 90 | 90 | 90 | 90 | 80 | 110 |
| 11 | 70 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 70 | (CA) | 90 | 100 | 110 | 120 | 120 | 110 | 100 | 100 | 100 | 90 | 80 | 70 | 70 | 60 | 80 | 120 |
| 12 | 60 | 70 | 80 | 80 | 80 | 80 | 70 | 80 | 90 | 90 | 90 | 90 | 100 | 100 | 90 | 90 | 90 | 100 | 90 | 90 | 90 | 80 | 60 | 70 | 80 | 100 |
| 13 | 90 | 90 | 60 | 50 | 50 | 50 | 50 | 60 | 60 | 80 | 90 | 90 | 100 | 100 | 90 | 90 | 100 | 100 | 100 | 90 | 80 | 60 | 60 | 50 | 80 | 100 |
| 14 | 50 | 50 | 50 | 40 | 40 | 40 | 40 | 50 | 70 | (CA) | 100 | 110 | 100 | 100 | 100 | 90 | 90 | 90 | 100 | 90 | 80 | 70 | 70 | 60 | 70 | 110 |
| 15 | 60 | 50 | 50 | 50 | 50 | 40 | 40 | 50 | 60 | 80 | 90 | 100 | 100 | 100 | 90 | 100 | 100 | 100 | 100 | 100 | 80 | 60 | 50 | 60 | 70 | 100 |
| 16 | 60 | 60 | 50 | 40 | 40 | 40 | 40 | 40 | 50 | 60 | 80 | 90 | 90 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 80 | 70 | 80 | 80 | 70 | 100 |
| 17 | 80 | 80 | 70 | 60 | 60 | 60 | 60 | 70 | (CA) | 90 | 90 | 100 | 100 | 100 | 100 | 100 | 100 | 90 | 80 | 80 | 60 | 70 | 50 | 60 | 80 | 100 |
| 18 | 50 | 50 | 60 | 50 | 40 | 40 | 30 | 50 | 60 | 60 | 70 | 70 | 70 | 80 | 80 | 80 | 80 | 80 | 70 | 70 | 70 | 70 | 60 | 60 | 60 | 80 |
| 19 | 50 | 50 | 50 | 40 | 40 | 30 | 30 | 50 | 50 | 60 | 70 | 80 | 90 | 90 | 90 | 80 | 80 | 90 | 80 | 80 | 80 | 60 | 60 | 70 | 70 | 90 |
| 20 | 80 | 70 | 50 | 50 | 40 | 40 | 40 | 40 | 50 | 70 | (CA) | 80 | 90 | 90 | 100 | 100 | 90 | 90 | 90 | 80 | 70 | 60 | 50 | 40 | 70 | 100 |
| 21 | 40 | 40 | 40 | 40 | 30 | 30 | 30 | 40 | 50 | 80 | 90 | 100 | 110 | 100 | 100 | 110 | 100 | 110 | 110 | 100 | 90 | 80 | 70 | 60 | 70 | 110 |
| 22 | 60 | 50 | 50 | 40 | 40 | 40 | 40 | 50 | 70 | 90 | 90 | 100 | 110 | 110 | 110 | 120 | 110 | 110 | 110 | 110 | 90 | 60 | 60 | 60 | 80 | 120 |
| 23 | 60 | 50 | 50 | 50 | 50 | 40 | 50 | 50 | 60 | 80 | (PF) | (PF) | (CA) | 130 | 130 | 140 | 140 | 130 | 130 | 130 | 110 | 100 | 100 | 100 | 90 | 140 |
| 24 | 100 | 90 | 80 | 70 | 60 | 60 | 60 | 80 | 90 | 110 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 100 | 100 | 100 | 90 | 100 | 120 |
| 25 | 90 | 90 | 90 | 90 | 90 | 90 | 80 | 90 | 100 | 100 | 110 | 110 | 110 | 110 | 110 | 110 | 90 | 90 | 80 | 80 | 80 | 70 | 50 | 50 | 90 | 110 |
| 26 | 40 | 40 | 30 | 30 | 30 | 30 | 30 | 40 | 50 | 60 | (CA) | 90 | 90 | 100 | 110 | 100 | 100 | 100 | 100 | 100 | 80 | 70 | 70 | 90 | 70 | 110 |
| 27 | 100 | 90 | 80 | 70 | 50 | 50 | 40 | 60 | 80 | 90 | 100 | 110 | 110 | 110 | 110 | 110 | 110 | 100 | 100 | 90 | 80 | 60 | 60 | 50 | 80 | 110 |
| 28 | 50 | 50 | 50 | 50 | 40 | 40 | 40 | 50 | 60 | 70 | 90 | 100 | 110 | 110 | 110 | 110 | 110 | 110 | 100 | 90 | 90 | 70 | 60 | 60 | 80 | 110 |
| 29 | 50 | 50 | 50 | 50 | 40 | 40 | 50 | 50 | 60 | 90 | 110 | 110 | (CA) | 90 | 80 | 80 | 80 | 80 | 80 | 80 | 70 | 60 | 70 | 70 | 70 | 110 |
| 30 | 70 | 70 | 60 | 60 | 40 | 40 | 40 | 50 | 60 | 70 | 80 | 80 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 80 | 70 | 70 | 80 | 80 | 70 | 90 |
| 31 | 70 | 60 | 70 | 70 | 70 | 60 | 60 | 60 | 70 | 70 | 70 | 70 | 80 | 80 | 80 | 80 | 80 | 80 | 70 | 80 | 90 | 70 | 60 | 50 | 70 | 90 |
| AV | 70 | 60 | 60 | 60 | 50 | 50 | 50 | 60 | 70 | 80 | 90 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 90 | 80 | 80 | 70 | 70 | 80 | [ ] |
| SD | 16 | 16 | 14 | 16 | 14 | 14 | 13 | 12 | 13 | 13 | 12 | 13 | 13 | 12 | 13 | 14 | 14 | 12 | 14 | 13 | 11 | 14 | 15 | 15 | 8 | [ ] |

OUTPT [VERSION N 28 JUL 76]

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 7

MAY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | 0 | 0 |
| 6 | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | 5 | 5 | 5 | 0 | 5 | 0 | 5 | 0 | 0 | 5 | 5 |
| 7 | 5 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 5 | 0 | 5 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 5 |
| 11 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 13 | 0 | 0 | 0 | 5 | 5 | 5 | 0 | 5 | 5 | 5 | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 0 | 5 |
| 14 | 0 | 5 | 0 | 0 | 0 | 5 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 5 |
| 15 | 5 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 5 | 5 | 5 | 5 | 0 | 0 | 0 | 0 | 5 | 0 | 5 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 5 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 0 | 5 |
| 18 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 5 | 5 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 5 | 0 | 0 | 5 | 5 | 0 | 5 |
| 19 | 0 | 5 | 5 | 5 | 5 | 0 | 5 | 5 | 0 | 5 | 0 | 5 | 5 | 5 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 0 | 0 | 5 | 5 |
| 20 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 5 | 0 | 5 | 0 | 0 | 5 | 5 | 0 | 0 | 5 | 5 | 0 | 5 | 10 | 5 | 0 | 5 | 5 | 10 |
| 21 | 0 | 0 | 5 | 5 | 0 | 5 | 0 | 5 | 5 | 0 | 0 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 0 | 5 | 0 | 5 | 5 | 5 |
| 22 | 5 | 0 | 0 | 5 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 5 | 0 | 5 | 0 | 0 | 0 | 5 | 5 | 0 | 0 | 5 |
| 23 | 5 | 0 | 5 | 0 | 5 | 0 | 0 | 5 | 15 | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 15 |
| 24 | 0 | 5 | 5 | 0 | 0 | 5 | 0 | 0 | 5 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 5 | 0 | 5 |
| 25 | 5 | 0 | 0 | 5 | 5 | 5 | 5 | 0 | 0 | 0 | 5 | 0 | 5 | 0 | 0 | 5 | 0 | 0 | 5 | 5 | 0 | 0 | 5 | 0 | 0 | 5 |
| 26 | 5 | 0 | 0 | 0 | 5 | 5 | 0 | 0 | 5 | 5 | 0 | 0 | 5 | 5 | 5 | 5 | 0 | 0 | 0 | 5 | 5 | 5 | 0 | 0 | 5 | 5 |
| 27 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 5 | 5 | 5 | 5 | 5 | 0 | 5 | 0 | 5 | 0 | 0 | 5 | 5 | 0 | 0 | 5 | 0 | 5 |
| 28 | 0 | 0 | 0 | 5 | 5 | 5 | 0 | 5 | 5 | 0 | 0 | 5 | 0 | 5 | 0 | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 5 | 0 | 0 | 5 |
| 29 | 5 | 5 | 5 | 5 | 5 | 0 | 5 | 5 | 0 | 0 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 30 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 5 |
| 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 5 |
| AV | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 [ ] | |
| 60 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 [ ] | |

OUTPT [VERSION N 28 JUL 76]

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 7

JUNE,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 5 |
| 2 | 0 | 0 | 5 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 5 |
| 3 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 4 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 5 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 5 | 0 | 0 | 0 | 5 | 0 | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | 0 | 5 |
| 6 | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | 0 | 0 | 5 | 0 | 0 | 5 | 5 | 5 | 5 | 5 |
| 7 | 0 | 5 | 0 | 5 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 5 | 0 | 5 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 5 | 5 | 0 | 5 |
| 8 | 5 | 5 | 0 | 0 | 5 | 0 | 5 | 5 | 5 | 0 | 0 | 0 | 5 | 0 | 5 | 0 | 0 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 9 | 5 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 5 | 0 | 5 | 5 | 0 | 0 | 0 | 5 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 5 |
| 10 | 0 | 0 | 5 | 0 | 5 | 0 | 5 | 0 | 5 | 0 | 0 | 0 | 0 | 5 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 5 |
| 11 | 5 | 0 | 0 | 5 | 0 | 5 | 5 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 5 | 5 | 0 | 5 | 5 | 0 | 5 |
| 12 | 5 | 0 | 0 | 0 | 5 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 13 | 5 | 5 | 0 | 0 | 5 | 0 | 5 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 5 | 0 | 0 | 5 |
| 14 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 0 | 0 | 5 | 0 | 5 | 0 | 0 | 5 | 5 | 5 | 5 | 0 | 5 | 5 |
| 15 | 5 | 5 | 0 | 5 | 0 | 5 | 5 | 0 | 5 | 0 | 5 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 5 |
| 16 | 0 | 5 | 5 | 5 | 5 | 5 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 0 | 5 |
| 17 | 0 | 0 | 5 | 5 | 0 | 0 | 5 | 5 | 0 | 5 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 5 | 5 | 5 | 0 | 0 | 5 | 5 | 0 | 5 |
| 18 | 0 | 5 | 0 | 5 | 5 | 0 | 5 | 5 | 0 | 5 | 0 | 0 | 0 | 5 | 0 | 5 | 0 | 0 | 0 | 5 | 0 | 5 | 0 | 0 | 0 | 5 |
| 19 | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 5 | 5 | 0 | 5 | 5 | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 5 |
| 20 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 21 | 0 | 5 | 0 | 5 | 5 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 5 | 0 | 5 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 5 |
| 22 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 5 | 0 | 5 | 5 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 0 | 5 |
| 23 | 0 | 0 | 0 | 5 | 5 | 0 | 5 | 0 | 5 | 0 | 5 | 0 | 5 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 24 | 5 | 5 | 5 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 5 | 0 | 5 | 0 | 0 | 0 | 5 | 0 | 5 |
| 25 | 0 | 5 | 5 | 5 | 5 | 0 | 0 | 5 | 0 | 5 | 5 | 20 | 0 | 5 | 0 | 0 | 0 | 5 | 0 | 0 | 5 | 0 | 5 | 0 | 5 | 20 |
| 26 | 0 | 5 | 5 | 5 | 5 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 5 |
| 27 | 5 | 5 | 5 | 5 | 0 | 0 | 0 | 0 | 5 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 5 |
| 28 | 5 | 5 | 0 | 5 | 5 | 5 | 0 | 0 | 0 | 5 | 0 | 0 | (HT) | 0 | 5 | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 5 | 0 | 0 | 5 |
| 29 | 5 | 0 | 5 | 0 | 0 | 0 | 5 | 5 | 5 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 5 |
| 30 | 0 | 5 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 31 | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] |
| AV | 0 | 5 | 0 | 5 | 5 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 [ ] | |
| SD | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 4 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 [ ] | |

OUTPT [VERSION N 26 JUL 76]

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 7

JULY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DAY | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 5 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 5 |
| 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 |
| 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AV | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | [ ] |
| SD | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 4 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | [ ] |

OUTPT (VERSION N 28 JUL 76)

HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 7

MAY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | DEV |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | 0 | 0 |
| 6 | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 5 |
| 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AV | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 [ ] | |
| SD | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 [ ] | 1 |

OUTPT (VERSION N 28 JUL 76)

HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 7

JUNE,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/3EP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DAY | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | [MT] | [MT] | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 5 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 5 |
| 6 | 0 | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | 0 | 5 |
| 7 | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 5 | 0 | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 15 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 26 | 0 | 5 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | [MT] | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31 | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] |
| AV | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 [ ] | |
| SD | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 [ ] | |

OUTPT (VERSION N 28 JUL 76)

HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 7

JULY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PEAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AV | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 [ | ] |
| 50 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 [ | ] |

OUTPT IVERSION N 28 JUL 76]

SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 7

MAY,1976

ALWOVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | 0 | 0 |
| 6 | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 5 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 13 | 5 | 5 | 0 | 0 | 0 | 5 | 0 | 5 | 0 | 5 | 5 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 0 | 5 |
| 14 | 0 | 0 | 0 | 5 | 0 | 5 | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 5 | 0 | 5 | 5 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 5 |
| 15 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 5 | 0 | 0 | 5 | 0 | 10 | 0 | 0 | 0 | 0 | 10 |
| 17 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 5 |
| 18 | 0 | 5 | 5 | 5 | 0 | 5 | 5 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 5 | 0 | 5 |
| 19 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 5 | 0 | 5 | 0 | 0 | 5 | 0 | 0 | 5 | 0 | 5 | 5 | 0 | 5 | 0 | 0 | 0 | 0 | 5 |
| 20 | 0 | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 5 | 5 | 5 | 0 | 0 | 0 | 5 |
| 21 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 5 | 0 | 5 | 5 | 5 | 0 | 5 |
| 22 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 5 | 0 | 5 | 5 | 0 | 0 | 0 | 5 | 0 | 0 | 5 |
| 23 | 5 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 5 | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 5 | 0 | 5 |
| 24 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 5 | 0 | 5 | 0 | 5 | 5 | 5 | 0 | 0 | 0 | 5 |
| 25 | 0 | 0 | 0 | 5 | 5 | 0 | 5 | 5 | 0 | 0 | 5 | 0 | 5 | 0 | 0 | 5 | 5 | 0 | 5 | 0 | 0 | 5 | 5 | 0 | 0 | 5 |
| 26 | 5 | 0 | 0 | 0 | 5 | 5 | 0 | 5 | 5 | 5 | 0 | 0 | 5 | 5 | 0 | 5 | 5 | 0 | 5 | 5 | 0 | 5 | 0 | 0 | 5 | 5 |
| 27 | 0 | 5 | 0 | 0 | 0 | 0 | 5 | 0 | 5 | 5 | 5 | 5 | 5 | 0 | 0 | 0 | 0 | 5 | 5 | 5 | 5 | 5 | 0 | 5 | 5 | 5 |
| 28 | 0 | 5 | 5 | 5 | 5 | 5 | 0 | 5 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 0 | 5 | 5 | 5 | 5 | 5 |
| 29 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 30 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 5 | 5 | 5 | 0 | 0 | 0 | 0 | 5 | 5 | 5 | 5 | 5 | 5 |
| 31 | 5 | 0 | 5 | 5 | 5 | 0 | 5 | 5 | 0 | 0 | 5 | 0 | 5 | 5 | 0 | 5 | 5 | 0 | 5 | 5 | 0 | 5 | 0 | 5 | 5 | 5 |
| AV | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 [ ] | |
| SD | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 1 [ ] | |

OUTPT [VERSION N 28 JUL 76]

SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 7

JUNE,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR [LOCAL STANDARD TIME]

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | PAK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 0 | 0 | 5 | 5 | 0 | 5 | 5 | 0 | 0 | 5 | 5 | 5 | 5 |
| 2 | 5 | 5 | 5 | 5 | 0 | 5 | 0 | 0 | 5 | [MT] | [MT] | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 5 | 0 | 5 |
| 3 | 5 | 5 | 0 | 5 | 0 | 5 | 0 | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 5 | 0 | 5 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 5 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 5 | 0 | 0 | 5 | 0 | 0 | 5 | 5 | 5 | 0 | 0 | 0 | 5 | 0 | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | 0 | 5 |
| 6 | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | [CA] | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 5 | 0 | 5 |
| 7 | 5 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 5 | 0 | 0 | 5 |
| 8 | 5 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 5 | 0 | 0 | 0 | 5 | 0 | 5 | 0 | 0 | 0 | 0 | 5 |
| 9 | 5 | 5 | 5 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 5 | 0 | 0 | 0 | 5 | 5 | 0 | 5 | 0 | 5 | 0 | 0 | 0 | 5 | 0 | 5 |
| 10 | 5 | 0 | 5 | 0 | 5 | 5 | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 11 | 5 | 5 | 0 | 5 | 5 | 5 | 0 | 0 | 5 | 5 | 5 | 0 | 5 | 0 | 0 | 0 | 5 | 0 | 5 | 5 | 5 | 0 | 5 | 5 | 5 | 5 |
| 12 | 5 | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 5 | 5 | 5 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 5 |
| 13 | 5 | 5 | 5 | 0 | 5 | 5 | 5 | 5 | 0 | 0 | 5 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 5 | 0 | 0 | 5 |
| 14 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 5 |
| 15 | 0 | 5 | 0 | 5 | 0 | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 5 | 0 | 0 | 5 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 5 |
| 17 | 0 | 5 | 5 | 0 | 5 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 18 | 5 | 5 | 0 | 5 | 0 | 5 | 5 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 5 | 0 | 5 | 0 | 0 | 0 | 5 |
| 19 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 5 | 0 | 5 | 0 | 5 | 0 | 5 | 0 | 5 | 5 | 0 | 0 | 0 | 5 |
| 20 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 5 |
| 21 | 5 | 0 | 0 | 5 | 0 | 0 | 0 | 5 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 5 |
| 22 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 23 | 0 | 0 | 0 | 0 | 5 | 0 | 5 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 5 | 0 | 0 | 5 |
| 24 | 5 | 0 | 0 | 0 | 5 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 5 |
| 25 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 26 | 0 | 5 | 5 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 5 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 5 |
| 27 | 5 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 5 | 0 | 5 |
| 28 | 5 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | [MT] | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 29 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 5 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 30 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 31 | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] | [ ] |
| AV | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 [ ] | |
| SD | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 [ ] | |

OUTPT [VERSION N 28 JUL 76]

SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 7

JULY,1976

AEROVIRONMENT INC.

**********
* PRELIMINARY DATA *
* AS OF 19/SEP/76 *
**********
* SUBJECT TO *
* REVISION *
**********

CLOCK HOUR (LOCAL STANDARD TIME)

| DATE | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | AVE | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 5 |
| 2 | 0 | 0 | 5 | 5 | 5 | 5 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 5 |
| 3 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 4 | 5 | 0 | 0 | 0 | 0 | 5 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 5 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 5 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 5 |
| 8 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 9 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 10 |
| 11 | 5 | 0 | 5 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 0 | 5 |
| 13 | 5 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 5 |
| 14 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 15 | 0 | 0 | 0 | 5 | 5 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 5 |
| 16 | 0 | 5 | 5 | 0 | 0 | 0 | 5 | 5 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 5 |
| 18 | 5 | 0 | 0 | 5 | 5 | 5 | 5 | 0 | 0 | 5 | 5 | 0 | 5 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 5 |
| 19 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 5 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 20 | 0 | 0 | 0 | 5 | 0 | 5 | 0 | 0 | 5 | 0 | 5 | 0 | 5 | 0 | 5 | 0 | 0 | 5 | 0 | 5 | 0 | 5 | 0 | 0 | 0 | 5 |
| 21 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 5 | 5 | 0 | 5 | 0 | 5 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 22 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 5 |
| 23 | 5 | 0 | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 5 | 0 | 5 |
| 24 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 25 | 0 | 5 | 5 | 0 | 0 | 5 | 0 | 0 | 5 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 26 | 0 | 0 | 0 | 5 | 0 | 5 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 5 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 5 |
| 27 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 28 | 0 | 0 | 0 | 5 | 0 | 5 | 5 | 5 | 0 | 5 | 0 | 0 | 0 | 5 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 5 |
| 29 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 5 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 30 | 5 | 5 | 5 | 5 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 31 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| AV | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 [ ] | |
| SD | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 0 [ ] | |

OUTPT (VERSION N 28 JUL 76)

WHITE RIVER SHALE PROJECT, UTAH

Suspended particulate Wt.

( $\mu$ gm/$M^3$)

High Volume Filter Data Summary Sheet

| DATE | A 1 | A 2 | A 3 | A 4 | A 5 | A 6 | A 7 | A 8 |
|---|---|---|---|---|---|---|---|---|
| 2-24-76 | 6.6 | 9.2 | 8.4 | 8.0 | 14.5 | 4.2 | 11.2 | 13.3 |
| 3-1-76 | 13.9 | 60.2 | 39.5 | 63.8 | 22.4 | 38.9 | 77.7 | 59.0 |
| 3-7-76 | 9.3 | 9.9 | 8.4 | 10.0 | 25.1 | 9.0 | 12.5 | 17.2 |
| 3-13-76 | 4.6 | 7.9 | 5.8 | 7.3 | 10.6 | 6.9 | 8.6 | 9.9 |
| 3-19-76 | 26.4 | 22.3 | 14.3 | 23.9 | 35.0 | 20.8 | 27.6 | 24.5 |
| 3-25-76 | 25.1 | 20.4 | 14.3 | 21.9 | 30.4 | 13.9 | 23.7 | 21.3 |
| 3-31-76 | 14.5 | 13.8 | 12.3 | 23.1 | 31.7 | 19.4 | 17.8 | 27.8 |
| 4-6-76 | 12.6 | 10.5 | 9.1 | 12.7 | 18.5 | 22.2 | 14.5 | 16.2 |
| 4-12-76 | 38.3 | 34.2 | 27.9 | 50.5 | 75.2 | 36.1 | 35.5 | 59.5 |
| 4-18-76 | 9.9 | 9.2 | 5.2 | 9.3 | 9.2 | 4.9 | 7.9 | 10.9 |
| 4-24-76 | 9.9 | 9.9 | 7.1 | 13.3 | 26.4 | 14.6 | 8.6 | 17.2 |
| 4-30-76 | 12.6 | 13.1 | 4.5 | 15.3 | 22.4 | 13.2 | 9.2 | 22.3 |
| 5-6-76 | Data Ended | Data Ended | 4.5 | 12.0 | Data Ended | 11.8 | 6.6 | Data Ended |
| 5-12-76 | ↓ | ↓ | 11.6 | 15.8 | ↓ | 31.9 | 13.2 | ↓ |
| 5-18-76 | ↓ | ↓ | 23.9 | 27.9 | ↓ | 45.1 | 25.7 | ↓ |
| 5-24-76 | ↓ | ↓ | 13.6 | 16.6 | ↓ | 20.1 | 13.8 | ↓ |
| 5-30-76 | ↓ | ↓ | 15.6 | 15.3 | ↓ | 26.4 | 13.8 | ↓ |
| 6-5-76 | ↓ | ↓ | 22.7 | 40.5 | ↓ | 25.7 | 15.8 | ↓ |
| 6-11-76 | ↓ | ↓ | 35.7 | 53.1 | ↓ | 39.6 | 33.5 | ↓ |
| 6-17-76 | ↓ | ↓ | 13.6 | 19.3 | ↓ | 22.2 | 7.9 | ↓ |

IM = Instrument Malfunction

WHITE RIVER SHALE PROJECT UTAH

Suspended particulate Wt.

( $\mu gm/M^3$)

High Volume Filter Data Summary Sheet

| DATE | A1 | A2 | A3 | A4 | A5 | A6 | A7 | A8 |
|---|---|---|---|---|---|---|---|---|
| 6-23-76 | Data Ended | Data Ended | 18.8 | 20.6 | Data Ended | 36.8 | 3.3 | Data Ended |
| 6-29-76 | | | 28.6 | 60.5 | | 52.1 | 3.3 | |
| 7-5-76 | | | 20.1 | 46.5 | | 28.5 | 20.4 | |
| 7-11-76 | | | 27.3 | 14.0 | | 24.3 | 27.6 | |
| 7-17-76 | | | 29.9 | 6.0 | | 47.9 | 27.6 | |
| 7-23-76 | | | 21.4 | 9.3 | | 53.5 | 21.1 | |
| 7-29-76 | | | 26.0 | 6.0 | | 63.9 | 24.3 | |
| 8-4-76 | | | 14.3 | 8.6 | | 18.7 | 12.5 | |
| 8-10-76 | | | 18.2 | 5.3 | | 30.6 | 21.0 | |
| 8-16-76 | | | 27.3 | 52.5 | | 46.1 | 37.3 | |
| 8-22-76 | | | 19.5 | 20.6 | | 34.0 | 17.8 | |
| 8-28-76 | | | 12.2 | 32.6 | | 30.6 | 9.2 | |

# FINAL DATA

Thermo-Luminescent Dosimetry Record
White River Shale Project

LEVEL OF COMPLETION
____ 1st QC
____ Entry errors corr'd
✓ Calibrated
____ Final Calibration
✓ Final QC

| SITE # | TLD # | DATE INSTALLED | DATE REMOVED | DOSE(mR) | INITIALS |
|---|---|---|---|---|---|
| 1 | 11 | 22 APR 76 | 22 MAY 76 | 8.17 | FM |
| " | 14 | 22 APR 76 | 22 MAY 76 | 9.76 | FM |
| " | 37 | 22 APR 76 | 22 MAY 76 | 12.13 | FM |
| 2 | 17 | 22 APR 76 | 22 MAY 76 | 13.1 | FM |
| " | 39 | 22 APR 76 | 22 MAY 76 | 13.1 | FM |
| " | 51 | 22 APR 76 | 22 MAY 76 | 14.55 | FM |
| 3 | 6 | 22 APR 76 | 23 MAY 76 | 7.88 | FM |
| " | 43 | 22 APR 76 | 23 MAY 76 | 7.59 | FM |
| " | 55 | 22 APR 76 | 23 MAY 76 | 10.63 | FM |
| 4 | 09 | 21 APR 76 | 22 MAY 76 | 12.52 | FM |
| " | 20 | 21 APR 76 | 22 MAY 76 | 13.1 | FM |
| " | 36 | 21 APR 76 | 22 MAY 76 | 13.1 | FM |
| 5 | 10 | 21 APR 76 | 23 MAY 76 | 8.17 | FM |
| " | 32 | 21 APR 76 | 23 MAY 76 | 8.46 | FM |
| " | 47 | 21 APR 76 | 23 MAY 76 | 7.73 | FM |
| 6 | 04 | 21 APR 76 | 21 MAY 76 | 12.23 | FM |
| " | 25 | 21 APR 76 | 21 MAY 76 | 10.63 | FM |
| " | 50 | 21 APR 76 | 21 MAY 76 | 11.50 | FM |
| 7 | 42 | 22 APR 76 | 23 MAY 76 | 10.2 | FM |
| " | 45 | 22 APR 76 | 23 MAY 76 | 9.47 | FM |
| " | 52 | 22 APR 76 | 23 MAY 76 | 12.52 | FM |
| | | | | | |
| | | | | | |

# FINAL DATA

LEVEL OF COMPLETION

- ____ 1st QC
- ____ Entry errors corr'd
- ✓ Calibrated
- ✓ Final Calibration
- ✓ Final QC

Thermo-Luminescent Dosimetry Record

White River Shale Project

| SITE # | TLD # | DATE INSTALLED | DATE REMOVED | DOSE(mR) | INITIALS |
|---|---|---|---|---|---|
| 8 | 07 | 21 APR 76 | 21 MAY 76 | 8.46 | FM |
| " | 30 | 21 APR 76 | 21 MAY 76 | 9.04 | FM |
| " | 46 | 21 APR 76 | 21 MAY 76 | 8.75 | FM |
| 9 | 41 | 22 APR 76 | 22 MAY 76 | 9.62 | FM |
| " | 48 | 22 APR 76 | 22 MAY 76 | 9.91 | FM |
| " | 53 | 22 APR 76 | 22 MAY 76 | 12.52 | FM |
| 10 | 1 | 22 APR 76 | 23 MAY 76 | 9.33 | FM |
| " | 56 | 22 APR 76 | 23 MAY 76 | 11.36 | FM |
| " | 54 | 22 APR 76 | 23 MAY 76 | 11.79 | FM |
| 11 | 15 | 21 APR 76 | 21 MAY 76 | 16.0 | FM |
| " | 23 | 21 APR 76 | 21 MAY 76 | 16.0 | FM |
| " | 31 | 21 APR 76 | 21 MAY 76 | 14.55 | FM |
| 12 | 12 | 21 APR 76 | 21 MAY 76 | 10.78 | FM |
| " | 24 | 21 APR 76 | 21 MAY 76 | 10.63 | FM |
| " | 26 | 21 APR 76 | 21 MAY 76 | 12.23 | FM |
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QC Checked 9/16/76 By: BMV

Thermo-Luminescent Dosimetry Record

White River Shale Project

| SITE # | TLD # | DATE INSTALLED | DATE REMOVED | DOSE(mR) | INITIALS |
|---|---|---|---|---|---|
| 1 | 07 | 22 May 76 | 21 June 76 | 7.9 | RL |
| " | 23 | 22 May 76 | 21 June 76 | 8.0 | RL |
| " | 24 | 22 May 76 | 21 June 76 | 7.9 | RL |
| 2 | 04 | 22 May 76 | 21 June 76 | 12.5 | RL |
| " | 30 | 22 May 76 | 21 June 76 | 13.1 | RL |
| " | 50 | 22 May 76 | 21 June 76 | 11.5 | RL |
| 3 | 11 | 23 May 76 | 22 June 76 | 8.2 | RL |
| " | 20 | 23 May 76 | 22 June 76 | 9.2 | RL |
| " | 37 | 23 May 76 | 22 June 76 | 9.3 | RL |
| 4 | 12 | 22 May 76 | 21 June 76 | 11.5 | RL |
| " | 25 | 22 May 76 | 21 June 76 | 11.4 | RL |
| " | 31 | 22 May 76 | 21 June 76 | 12.5 | RL |
| 5 | 14 | 23 May 76 | 22 June 76 | 9.3 | RL |
| " | 48 | 23 May 76 | 22 June 76 | 9.3 | RL |
| " | 53 | 23 May 76 | 22 June 76 | 10.9 | RL |
| 6 | 03 | 21 May 76 | 20 June 76 | 10.5 | RL, FM |
| " | 21 | 21 May 76 | 20 June 76 | 10.5 | RL, FM |
| " | 35 | 21 May 76 | 20 June 76 | 11.7 | RL, FM |
| 7 | 17 | 23 May 76 | 22 June 76 | 11.1 | RL |
| " | 39 | 23 May 76 | 22 June 76 | 10.9 | RL |
| " | 41 | 23 May 76 | 22 June 76 | 10.8 | RL |
| | | | | | |
| | | | | | |

QC Checked 9/16/76 By: [illegible]

Thermo-Luminescent Dosimetry Record

White River Shale Project

| SITE # | TLD # | DATE INSTALLED | DATE REMOVED | DOSE(mR) | INITIALS |
|---|---|---|---|---|---|
| 8 | 08 | 21 May 76 | 20 June 76 | 7.6 | RL, FM |
| " | 16 | 21 May 76 | 20 June 76 | 8.2 | RL, FM |
| " | 27 | 21 May 76 | 20 June 76 | 8.2 | RL, FM |
| 9 | 15 | 22 May 76 | 21 June 76 | 9.8 | RL |
| " | 26 | 22 May 76 | 21 June 76 | 8.6 | RL |
| " | 46 | 22 May 76 | 21 June 76 | 9.0 | RL |
| 10 | 09 | 23 May 76 | 22 June 76 | 9.9 | RL |
| " | 36 | 23 May 76 | 22 June 76 | 10.5 | RL |
| " | 51 | 23 May 76 | 22 June 76 | 12.5 | RL |
| 11 | 19 | 21 May 76 | 20 June 76 | 13.1 | RL, FM |
| " | 29 | 21 May 76 | 20 June 76 | 13.1 | RL, FM |
| " | 34 | 21 May 76 | 20 June 76 | 11.7 | RL, FM |
| 12 | 33 | 21 May 76 | 20 June 76 | 10.6 | RL, FM |
| " | 38 | 21 May 76 | 20 June 76 | 9.3 | RL, FM |
| " | 40 | 21 May 76 | 20 June 76 | 10.4 | RL, FM |
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QC Checked 8/31/76 By: [illegible]

Thermo-Luminescent Dosimetry Record

White River Shale Project

| SITE # | TLD # | DATE INSTALLED | DATE REMOVED | DOSE(mR) | INITIALS |
|---|---|---|---|---|---|
| 1 | 21 | 21 June 76 | 21 July 76 | 9.3 | FM |
| " | 29 | 21 June 76 | 21 July 76 | 9.2 | |
| " | 38 | 21 June 76 | 21 July 76 | 8.3 | |
| 2 | 16 | 21 June 76 | 21 July 76 | 13.1 | |
| " | 33 | 21 June 76 | 21 July 76 | 12.2 | |
| " | 34 | 21 June 76 | 21 July 76 | 13.1 | |
| 3 | 25 | 22 June 76 | 22 July 76 | 8.5 | |
| " | 30 | 22 June 76 | 22 July 76 | 8.7 | |
| " | 46 | 22 June 76 | 22 July 76 | 8.7 | |
| 4 | 8 | 21 June 76 | 21 July 76 | 11.1 | |
| " | 27 | 21 June 76 | 21 July 76 | 13.1 | |
| " | 40 | 21 June 76 | 21 July 76 | IM | |
| 5 | 4 | 22 June 76 | 22 July 76 | 8.5 | |
| " | 12 | 22 June 76 | 22 July 76 | 8.5 | |
| " | 31 | 22 June 76 | 22 July 76 | 8.5 | |
| 6 | 42 | 20 June 76 | 21 July 76 | 13.1 | |
| " | 45 | 20 June 76 | 21 July 76 | 12.2 | |
| " | 54 | 20 June 76 | 21 July 76 | 15.4 | |
| 7 | 23 | 22 June 76 | 22 July 76 | 10.8 | |
| " | 24 | 22 June 76 | 22 July 76 | 9.5 | |
| " | 50 | 22 June 76 | 22 July 76 | 10.5 | |
| | | | | | |
| | | | | | |

QC Checked 8/3/76 By: [illegible]

Thermo-Luminescent Dosimetry Record

White River Shale Project

| SITE # | TLD # | DATE INSTALLED | DATE REMOVED | DOSE(mR) | INITIALS |
|---|---|---|---|---|---|
| 8 | 01 | 20 June 76 | 21 July 76 | 9.0 | FM |
| " | 18 | 20 June 76 | 21 July 76 | 9.3 | |
| " | 32 | 20 June 76 | 21 July 76 | 9.6 | |
| 9 | 3 | 21 June 76 | 21 July 76 | 10.5 | |
| " | 19 | 21 June 76 | 21 July 76 | 11.1 | |
| " | 35 | 21 June 76 | 21 July 76 | 10.9 | |
| 10 | 7 | 22 June 76 | 22 July 76 | 9.6 | |
| " | 15 | 22 June 76 | 22 July 76 | 10.2 | |
| " | 26 | 22 June 76 | 22 July 76 | 10.5 | |
| 11 | 43 | 20 June 76 | 21 July 76 | 16.0 | |
| " | 47 | 20 June 76 | 21 July 76 | 17.5 | |
| " | 52 | 20 June 76 | 21 July 76 | 8.5 | |
| 12 | 02 | 20 June 76 | 21 July 76 | 14.5 | |
| " | 10 | 20 June 76 | 21 July 76 | 12.5 | |
| " | 56 | 20 June 76 | 21 July 76 | 16.0 | |
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QC Checked 9/16/76 By: KM

Thermo-Luminescent Dosimetry Record
White River Shale Project

| SITE # | TLD # | DATE INSTALLED | DATE REMOVED | DOSE(mR) | INITIALS |
|---|---|---|---|---|---|
| 1 | 18 | 21 July | 20 Aug | 8.17 | FM |
| 1 | 45 | 21 July | 20 Aug | 9.33 | |
| 1 | 49 | 21 July | 20 Aug | 9.77 | |
| 2 | 2 | 21 July | 20 Aug | 14.55 | |
| 2 | 16 | 21 July | 20 Aug | 14.55 | |
| 2 | 52 | 21 July | 20 Aug | 17.45 | |
| 3 | 20 | 22 July | 21 Aug | 7.59 | |
| 3 | 37 | 22 July | 21 Aug | 9.04 | |
| 3 | 48 | 22 July | 21 Aug | 9.04 | |
| 4 | 10 | 21 July | 20 Aug | 11.65 | |
| 4 | 27 | 21 July | 20 Aug | 15.42 | |
| 4 | 32 | 21 July | 20 Aug | 14.26 | |
| 5 | 17 | 22 July | 22 Aug | 9.04 | |
| 5 | 39 | 22 July | 22 Aug | 9.04 | |
| 5 | 41 | 22 July | 22 Aug | 9.91 | |
| 6 | 8 | 21 July | 19 Aug | 11.07 | |
| 6 | 29 | 21 July | 19 Aug | 11.94 | |
| 6 | 33 | 21 July | 19 Aug | 10.78 | |
| 7 | 14 | 22 July | 22 Aug | 12.23 | |
| 7 | 22 | 22 July | 22 Aug | 12.23 | |
| 7 | 28 | 22 July | 22 Aug | 10.78 | |
| 8 | 1 | 21 July | 19 Aug | 8.46 | |
| 8 | 38 | 21 July | 19 Aug | 7.88 | |

QC Checked 9/16/76 By: [illegible]

Thermo-Luminescent Dosimetry Record

White River Shale Project

| SITE # | TLD # | DATE INSTALLED | DATE REMOVED | DOSE(mR) | INITIALS |
|---|---|---|---|---|---|
| 8 | 42 | 21 July | 19 Aug | 9.19 | FM |
| 9 | 43 | 21 July | 20 Aug | 9.62 | |
| 9 | 47 | 21 July | 20 Aug | 10.78 | |
| 9 | 54 | 21 July | 20 Aug | 13.10 | |
| 10 | 6 | 22 July | 21 Aug | 10.78 | |
| 10 | 13 | 22 July | 21 Aug | 10.78 | |
| 10 | 36 | 22 July | 21 Aug | 11.36 | |
| 11 | 21 | 21 July | 19 Aug | 13.97 | |
| 11 | 35 | 21 July | 19 Aug | 14.26 | |
| 11 | 56 | 21 July | 19 Aug | 16.29 | |
| 12 | 3 | 21 July | 19 Aug | 11.07 | |
| 12 | 19 | 21 July | 19 Aug | 11.07 | |
| 12 | 34 | 21 July | 19 Aug | 10.49 | |
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CUSTOMER Aerovironment Inc.

ATTENTION Andrew A. Huang

ADDRESS 145 Vista Avenue

CITY Pasadena, California 91107

JOB NO. 7819

SOUTHEASTERN FACILITY

# REPORT OF ANALYSIS

| TYPE OF ANALYSIS | CUSTOMER ORDER NO. | SAMPLES REC'D |
|---|---|---|
| Hi-Vol Filters for Gross Alpha/Beta | 45327 | 8-3-76 |

| Customer Identification | Site | Date Collected | $pCi/m^3$ Gross Alpha | $pCi/m^3$ Gross Beta |
|---|---|---|---|---|
| WRU-0627 | Utah A6 | 7-5-76 | 0.0 + 3.5 E-03 | 3.8 + 1.8 E-02 |
| WRU-0607 | Utah A6 | 6-5-76 | 0.0 ∓ 3.5 E-03 | 3.1 ∓ 1.8 E-02 |
| WRU-0586 | Utah A6 | 5-6-76 | 8.9 ∓ 5.4 E-03 | 0.0 ∓ 1.7 E-02 |
| WRU-0548 | Utah A6 | 4-6-76 | 0.0 ∓ 3.5 E-03 | 0.0 ∓ 1.7 E-02 |
| WRU-0465 | Utah A6 | 2-6-76 | 0.0 ∓ 3.5 E-03 | 0.0 ∓ 1.7 E-02 |
| WRU-0382 | Utah A6 | 12-2-75 | 6.3 ∓ 4.9 E-03 | 2.0 ∓ 1.7 E-02 |
| WRU-0303 | Utah A6 | 10-3-75 | 6.8 ∓ 5.0 E-03 | 5.2 ∓ 1.9 E-02 |
| WRU-0504 | Utah A2 | 3-1-76 | 0.0 ∓ 3.3 E-03 | 0.0 ∓ 1.6 E-02 |
| WRU-0419 | Utah A2 | 1-1-76 | 8.8 ∓ 5.2 E-03 | 0.0 ∓ 1.6 E-02 |
| WRU-0379 | Utah A2 | 12-2-75 | 1.7 ∓ 0.7 E-02 | 3.1 ∓ 1.7 E-02 |

039-D-GR-7

EBERLINE INSTRUMENT CORPORATION
312 MIAMI ST.
WEST COLUMBIA, S.C. 29169
(803) 796-3604

HOW REPORTED:

PAGE 1 OF 1 PAGES

BY Ernest J. Lang

DATE 8-9-76

Ernest J. Lang, Supervisor

CUSTOMER Aerovironment Inc.

ATTENTION Andrew A. Huang

ADDRESS 145 Vista Avenue

CITY Pasadena, California 91107

CK. NO. 7820

SOUTHEASTERN FACILITY

# REPORT OF ANALYSIS

| TYPE OF ANALYSIS | CUSTOMER ORDER NO. | SAMPLES REC'D |
|---|---|---|
| Hi-Vol Filters for Ge-Li. | 45327 | 8-3-76 |

Customer Identification - WRU-0627
Site - Utah A6
Date Collected - 7-5-76
Sample Weight - 720 $m^3$
Date Control - 8-3-76
Time Control - 1549
Minutes Counted - 100

| Isotope | $pCi/m^3$ |
|---|---|
| Cs-137 | Less than 1.0 E-02 |
| Be-7 | 2.4 ± 1.0 E-01 |
| Pb-212 | Less than 3.3 E-02 |
| Ra-226 | Less than 3.5 E-01 |
| Bi-214 | 4.7 ± 3.2 E-02 |
| Pb-214 | 9.3 ± 3.1 E-02 |

Customer Identification - WRU-0607
Site - Utah A6
Date Collected - 6-5-76
Sample Weight - 720 $m^3$
Date Control - 8-3-76
Time Control - 1733
Minutes Counted - 100

| Isotope | $pCi/m^3$ |
|---|---|
| K-40 | Less than 1.4 E-01 |
| Cs-137 | Less than 7.9 E-03 |
| Bi-214 | Less than 3.6 E-02 |
| Tl-208 | Less than 1.2 E-02 |
| Be-7 | 1.3 ± 0.7 E-01 |
| Pb-214 | Less than 4.0 E-02 |

EBERLINE INSTRUMENT CORPORATION
312 MIAMI ST.
WEST COLUMBIA, S.C. 29169
(803)796-3604

HOW REPORTED:

BY Ernest J. Lang

Ernest J. Lang, Supervisor

DATE 8-6-76

CUSTOMER Aerovironment Inc.

SOUTHEASTERN FACILITY

ATTENTION

ADDRESS

CITY

CK. NO.

# REPORT OF ANALYSIS

| TYPE OF ANALYSIS | CUSTOMER ORDER NO. | SAMPLES REC'D |
|---|---|---|
| | | |

Customer Identification - WRU-0586
Site - Utah A6
Date Collected - 5-6-76
Sample Weight - 720 $m^3$
Date Control - 8-4-76
Time Control - 0830
Minutes Counted - 100

| Isotope | $pCi/m^3$ |
|---|---|
| Mn-54 | 9.3 ± 4.8 E-03 |
| Tl-208 | Less than 1.3 E-02 |
| Bi-214 | Less than 4.0 E-02 |
| Be-7 | 6.7 ± 5.5 E-02 |
| Pb-212 | Less than 3.3 E-02 |
| Ra-226 | Less than 3.5 E-01 |
| Pb-214 | 5.8 ± 2.9 E-02 |

Customer Identification - WRU-0548
Site - Utah A6
Date Collected - 4-6-76
Sample Weight - 720 $m^3$
Date Collected - 8-4-76
Time Control - 1255
Minutes Counted - 100

| Isotope | $pCi/m^3$ |
|---|---|
| Cs-137 | Less than 8.8 E-03 |
| Bi-214 | Less than 3.8 E-02 |
| Tl-208 | Less than 1.3 E-02 |
| Pb-212 | Less than 3.2 E-02 |
| Ra-226 | 2.5 ± 2.3 E-01 |
| Ce-141 | Less than 2.6 E-02 |
| Pb-214 | Less than 4.2 E-02 |

EBERLINE INSTRUMENT CORPORATION
312 MIAMI ST.
WEST COLUMBIA, S.C. 29169
(803) 796-3604

HOW REPORTED:

BY Ernest J. Lang DATE 8-6-76

Ernest J. Lang, Supervisor

CUSTOMER Aerovironment Inc.

SOUTHEASTERN FACILITY

ATTENTION

ADDRESS

CITY

ACK. NO.

# REPORT OF ANALYSIS

| TYPE OF ANALYSIS | CUSTOMER ORDER NO. | SAMPLES REC'D |
|---|---|---|
| | | |

Customer Identification - WRU-0465
Site - Utah A6
Date Collected - 2-6-76
Date Control - 8-3-76
Time Control - 1604
Sample Weight - 720 $m^3$
Minutes Counted - 100

| Isotope | $pCi/m^3$ |
|---|---|
| Cs-137 | Less than 7.1 E-03 |
| Ra-226 | Less than 3.5 E-01 |
| Ce-141 | Less than 2.6 E-02 |
| Pb-214 | 3.1 $\pm$ 2.6 E-02 |
| Bi-214 | Less than 3.4 E-02 |

Customer Identification - WRU-0382
Site - Utah A6
Date Collected - 12-2-75
Date Control - 8-4-76
Time Control - 1748
Sample Weight - 720 $m^3$
Minutes Counted - 100

| Isotope | $pCi/m^3$ |
|---|---|
| K-40 | Less than 1.4 E-01 |
| Bi-214 | Less than 3.6 E-02 |
| Pb-212 | Less than 3.2 E-02 |
| Cs-137 | Less than 7.0 E-03 |
| Pb-214 | 3.7 $\pm$ 2.8 E-02 |

EBERLINE INSTRUMENT CORPORATION
312 MIAMI ST.
WEST COLUMBIA, S.C. 29169
(803) 796-3604

HOW REPORTED:

BY Ernest J. Lang

Ernest J. Lang, Supervisor

DATE 8-6-76

CUSTOMER Aerovironment Inc.

SOUTHEASTERN FACILITY

ATTENTION

ADDRESS

CITY

A.K. NO.

# REPORT OF ANALYSIS

| TYPE OF ANALYSIS | CUSTOMER ORDER NO. | SAMPLES REC'D |
|---|---|---|
| | | |

Customer Identification - WRU0303
Site - Utah A2
Date Collected - 10-30-75
Sample Weight - 720 $m^3$
Date Control - 8-4-76
Time Control - 1939
Minutes Counted - 100

| Isotope | $pCi/m^3$ |
|---|---|
| Nb-95 | Less than 1.2 E-02 |
| Cs-137 | 6.0 ± 4.8 E-03 |
| Bi-214 | Less than 3.9 E-02 |
| Pb-214 | 2.6 ± 2.6 E-02 |
| Pb-212 | Less than 3.2 E-02 |
| Ra-226 | Less than 3.5 E-01 |

Customer Identification - WRU-0504
Site - Utah A2
Date Collected - 3-1-76
Sample Weight - 764 $m^3$
Date Control - 3-4-76
Time Control - 2151
Minutes Counted - 100

| Isotope | $pCi/m^3$ |
|---|---|
| K-40 | Less than 1.6 E-01 |
| Cs-137 | Less than 8.2 E-03 |
| Pb-212 | Less than 3.1 E-02 |
| Ra-226 | Less than 3.2 E-01 |
| Co-57 | Less than 7.7 E-03 |
| Pb-214 | Less than 3.9 E-02 |
| Bi-214 | 2.0 ± 1.8 E-02 |

EBERLINE INSTRUMENT CORPORATION
312 MIAMI ST.
WEST COLUMBIA, S.C. 29169
(803)796-3604

HOW REPORTED:

BY Ernest J. Lang

Ernest J. Lang, Supervisor

DATE 8-6-76

CUSTOMER Aerovironment Inc.

ATTENTION

ADDRESS

CITY

ACK. NO.

SOUTHEASTERN FACILIT

REPORT OF ANALYS

TYPE OF ANALYSIS

CUSTOMER ORDER NO.

SAMPLES REC'D

Customer Identification - WRU-0419
Site - Utah A2
Date Collected - 1-1-76
Sample Weight - 761 $m^3$
Date Control - 8-5-76
Time Control - 0930
Minutes Counted - 100

| Isotope | $pCi/m^3$ |
|---|---|
| K-40 | Less than 1.6 E-01 |
| Cs-137 | Less than 7.8 E-03 |
| Pb-214 | 3.4 ± 2.7 E-02 |
| Bi-214 | 4.3 ± 2.5 E-02 |

Customer Identification - WRU-0379
Site - Utah A2
Date Collected - 12-2-75
Sample Weight - 761 $m^3$
Date Control - 8-5-76
Time Control - 1315
Minutes Counted - 100

| Isotope | $pCi/m^3$ |
|---|---|
| K-40 | Less than 1.3 E-01 |
| Cs-137 | Less than 9.2 E-03 |
| Bi-214 | 3.7 ± 2.6 E-02 |
| Tl-208 | Less than 1.3 E-02 |
| Sb-125 | Less than 3.9 E-02 |
| Pb-212 | Less than 3.1 E-02 |
| Ra-226 | Less than 3.3 E-01 |
| Co-57 | 5.8 ± 5.4 E-03 |
| Pb-214 | 6.7 ± 2.9 E-02 |

EBERLINE INSTRUMENT CORPORATION
312 MIAMI ST.
WEST COLUMBIA, S.C. 29169
(803)796-2600

HOW REPORTED:

BY Ernest J. Lang

Ernest J. Lang Supervisor



DATE 8-6-76

UC DAVIS ELEMENTAL ANALYSIS TRAY 30051 07/02/76 O/P ON 08/28/76

NA TO TOTLX IN NANOGRAMS/CM**2 TOTLX FROM NA TO PB 3.6 - 2.0 μm range
H, C, O IN MICROGRAMS/CM**2
MATRIX CORRECTIONS USING LOAD
H,C,O AMOUNTS INCLUDE SUBSTRATE

| SLIDE | NA | AL | SI | S | CL | K | CA |
|---|---|---|---|---|---|---|---|
| 3 | 298.4 +/- 36.5 | 1256.3 +/- 129.6 | 5437.5 +/- 544.9 | 132.4 +/- 24.9 | 30.7* | 917.3 +/- 92.4 | 2353.9 +/- 235.8 |
| 4 | 1030.6 +/- 119.8 | 1588.1 +/- 161.9 | 7306.1 +/- 731.5 | 260.9 +/- 28.8 | 30.9* | 1231.1 +/- 123.6 | 3009.3 +/- 301.3 |
| 5 | 82.7* | 1348.0 +/- 139.4 | 5858.0 +/- 587.1 | 123.2 +/- 25.3 | 30.7* | 986.3 +/- 99.2 | 2169.2 +/- 217.3 |

| SLIDE | TI | V | MN | FE | NI | ZN | BR |
|---|---|---|---|---|---|---|---|
| 3 | 101.0 +/- 11.4 | 15.1* | 14.0* | 1509.6 +/- 151.6 | 12.0* | 349.9 +/- 36.7 | 28.0* |
| 4 | 152.8 +/- 16.2 | 16.1* | 14.1* | 2000.2 +/- 200.6 | 12.0* | 21.0* | 28.0* |
| 5 | 129.0 +/- 14.0 | 16.1* | 14.0* | 1623.8 +/- 163.1 | 12.0* | 21.0* | 28.0* |

| SLIDE | BA | PB | TOTLX | H | C | O |
|---|---|---|---|---|---|---|
| 3 | 51.3* | 108.4 +/- 20.6 | 12464.7 +/- 636.1 | 23.6 +/- 2.4 | 181.6 +/- 18.4 | 127.6 +/- 12.8 |
| 4 | 52.5* | 50.0* | 16579.0 +/- 850.3 | 24.4 +/- 2.4 | 187.1 +/- 19.0 | 133.9 +/- 13.5 |
| 5 | 52.3* | 126.2 +/- 21.2 | 12363.5 +/- 670.1 | 23.4 +/- 2.3 | 178.8 +/- 18.2 | 128.6 +/- 13.0 |

* DENOTES UPPER LIMIT OF ELEMENT NOT FOUND

ADDITIONAL ELEMENTS FOUND: SLIDE, ELEMENT, AMOUNT

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | CU | 54.8 | 3 | ZR | 70.8 | 5 | CU | 39.2 | ✓5 | ZR | 94.3 |
| ✓3 | PT | 122.0 | 3 | B | 7.3 | 5 | PT | 63.1 | | | |
| ✓3 | RB | 42.1 | 4 | PT | 61.1 | 5 | RB | 53.5 | | | |

Multiply by .33 to get
$10^{-10}$ g/m$^3$

| | | | | | | |
|---|---|---|---|---|---|---|
| 3 | May | 1 | 4 | 7 | 13 | 16 |
| 4 | | 2 | 5 | 8 | 14 | 17 |
| 5 | | 3 | 6 | 9 | 15 | 18 |

UC DAVIS ELEMENTAL ANALYSIS TRAY 30052 07/02/76 O/P ON 08/28/76

NA TO TOTLX IN NANOGRAMS/CM**2 TOTLX FROM NA TO PB 0.65 - 3.6 μm range
H, C, O IN MICROGRAMS/CM**2
MATRIX CORRECTIONS USING LOAD
H,C,O AMOUNTS INCLUDE SUBSTRATE

| SLIDE | NA | AL | SI | S | CL | K | CA |
|---|---|---|---|---|---|---|---|
| 3 | 426.7 +/- 56.9 | 1441.4 +/- 147.8 | 4633.2 +/- 464.5 | 1624.3 +/- 172.7 | 29.6* | 879.8 +/- 88.4 | 1617.5 +/- 162.1 |
| 4 | 1126.8 +/- 129.7 | 2158.7 +/- 219.4 | 6965.6 +/- 697.7 | 1519.0 +/- 164.5 | 32.0* | 1154.2 +/- 115.9 | 2730.2 +/- 273.4 |
| 5 | 978.4 +/- 113.1 | 1520.5 +/- 157.9 | 4721.4 +/- 473.4 | 1700.6 +/- 180.2 | 29.7* | 902.8 +/- 90.8 | 1540.5 +/- 154.4 |

| SLIDE | TI | V | MN | FE | NI | ZN | BR |
|---|---|---|---|---|---|---|---|
| 3 | 103.4 +/- 11.6 | 15.1* | 14.0* | 1512.0 +/- 151.9 | 11.0* | 11.6 +/- 5.0 | 27.0* |
| 4 | 144.0 +/- 15.4 | 16.1* | 14.1* | 2343.8 +/- 234.9 | 12.0* | 21.0* | 29.0* |
| 5 | 111.9 +/- 12.3 | 15.1* | 13.0* | 1435.9 +/- 144.2 | 11.0* | 10.8 +/- 4.8 | 25.9 +/- 7.2 |

| SLIDE | BA | PB | TOTLX | H | C | O |
|---|---|---|---|---|---|---|
| 3 | 50.3* | 140.7 +/- 20.4 | 12390.7 +/- 573.1 | 23.3 +/- 2.3 | 172.3 +/- 17.6 | 135.6 +/- 13.7 |
| 4 | 52.5* | 173.0 +/- 24.4 | 18315.2 +/- 850.3 | 25.3 +/- 2.5 | 187.2 +/- 19.0 | 146.5 +/- 14.8 |
| 5 | 48.3* | 140.4 +/- 19.3 | 13089.1 +/- 589.7 | 23.2 +/- 2.3 | 172.8 +/- 17.6 | 134.3 +/- 13.5 |

* DENOTES UPPER LIMIT OF ELEMENT NOT FOUND

ADDITIONAL ELEMENTS FOUND: SLIDE, ELEMENT, AMOUNT

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| ✓3 | PT | 49.5 | ✓5 | CU | 15.9 | ✓5 | RB | 46.8 | 5 | B | 4.6 |
| ✓4 | CU | 20.5 | ✓5 | PT | 53.1 | 5 | BE | 1.3 | | | |

Multiply by .33 to get

$10^{-10}$ g/m$^3$

UC DAVIS ELEMENTAL ANALYSIS TRAY 30[illegible]3 07/03/76 O/P ON 08/28/76

NA TO TOTLX IN $10^{-10}$ g/m$^3$ TOTLX FROM NA TO PB 0.10 - 0.65 μm range
H, C, O IN $10^{-7}$ g/m$^3$
MATRIX CORRECTIONS USING LIOAD
H,C,O AMOUNTS INCLUDE SUBSTRATE

| SLIDE | NA | AL | SI | S | CL | K | CA |
|---|---|---|---|---|---|---|---|
| 3 | 97.5* | 483.7 +/- 52.5 | 2700.9 +/- 271.0 | 5179.8 +/- 527.1 | 40.8* | 666.3 +/- 67.5 | 1053.9 +/- 105.8 |
| 4 | 40.4 +/- 23.0 | 186.0 +/- 25.2 | 1318.5 +/- 132.8 | 2294.1 +/- 239.7 | 36.4* | 286.7 +/- 29.9 | 584.9 +/- 59.1 |
| 5 | 203.1 +/- 32.8 | 185.8 +/- 25.8 | 1502.2 +/- 151.2 | 2838.3 +/- 295.2 | 36.4* | 480.6 +/- 49.1 | 469.5 +/- 47.6 |

| SLIDE | TI | V | MN | FE | NI | ZN | BR |
|---|---|---|---|---|---|---|---|
| 3 | 31.3 +/- 7.4 | 21.1* | 20.2 +/- 5.5 | 777.9 +/- 78.6 | 9.8 +/- 3.8 | 38.6 +/- 6.9 | 27.0* |
| 4 | 18.8 +/- 6.4 | 19.0* | 16.0* | 461.3 +/- 46.8 | 8.7 +/- 3.3 | 25.3 +/- 5.3 | 23.8 +/- 7.1 |
| 5 | 20.3 +/- 5.6 | 19.1* | 17.2 +/- 4.7 | 400.5 +/- 41.0 | 10.5 +/- 3.3 | 37.2 +/- 6.2 | 38.0 +/- 8.6 |

| SLIDE | BA | PB | TOTLX | H | C | O |
|---|---|---|---|---|---|---|
| 3 | 67.4* | 128.3 +/- 20.0 | 11090.5 +/- 613.6 | 61.6 +/- 6.2 | 773.9 +/- 79.4 | 174.7 +/- 17.9 |
| 4 | 61.2* | 144.7 +/- 20.7 | 5393.1 +/- 288.8 | 53.7 +/- 5.4 | 602.7 +/- 62.6 | 155.7 +/- 16.1 |
| 5 | 61.2* | 162.1 +/- 21.1 | 6365.1 +/- 344.6 | 54.0 +/- 5.4 | 602.0 +/- 61.8 | 160.0 +/- 16.4 |

* DENOTES UPPER LIMIT OF ELEMENT NOT FOUND

ADDITIONAL ELEMENTS FOUND: SLIDE, ELEMENT, AMOUNT

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 3 | CU | 20.6 | 4 | CU | 16.2 | 4 | SR | 117.2 |
| 3 | AU | 101.3 | 4 | AU | 93.4 | 5 | CU | 16.5 |
| 3 | SR | 92.0 | 4 | RB | 63.1 | 5 | SE | 40.1 |

| | | | | | | |
|---|---|---|---|---|---|---|
| 3 | May | 1 | 4 | 7.8.9 | 13 | 16 |
| 4 | | 2 | 5 | - | 14 | 17 |
| 5 | | 3 | 6 | - | 15 | 18 |

UC DAVIS ELEMENTAL ANALYSIS TRAY 30061 07/20/76 O/P ON 08/28/76

NA TO TOTLX IN $10^{-10}$ g/m$^3$ TOTLX FROM NA TO PB
H, C, O IN $10^{-7}$ g/m$^3$
MATRIX CORRECTIONS USING LOAD
H,C,O AMOUNTS INCLUDE SUBSTRATE

| SLIDE | NA | AL | SI | S | CL | K | CA |
|---|---|---|---|---|---|---|---|
| 3 | 103.4 +/- 12.8 | 771.7 +/- 78.4 | 3074.9 +/- 307.6 | 63.3 +/- 6.9 | 28.9 +/- 4.0 | 535.8 +/- 53.7 | 1151.3 +/- 115.2 |
| 4 | 145.9 +/- 18.0 | 1593.2 +/- 159.8 | 5897.3 +/- 589.9 | 58.9 +/- 7.1 | 16.0 +/- 3.9 | 993.8 +/- 99.5 | 2397.0 +/- 239.8 |
| 5 | 130.8 +/- 16.5 | 1017.4 +/- 102.8 | 4070.3 +/- 407.2 | 15.6 +/- 9.0 | 26.1 +/- 4.0 | 701.4 +/- 70.3 | 1913.5 +/- 191.4 |

| SLIDE | TI | V | MN | FE | NI | ZN | BR |
|---|---|---|---|---|---|---|---|
| 3 | 77.5 +/- 7.9 | 10.1* | 10.1* | 1341.1 +/- 134.2 | 10.0* | 10.0* | 5.2 +/- 1.3 |
| 4 | 140.8 +/- 14.3 | 10.2* | 10.1* | 1565.5 +/- 156.7 | 10.0* | 10.0* | 10.0* |
| 5 | 98.7 +/- 10.1 | 10.1* | 10.1* | 1203.9 +/- 120.5 | 12.3 +/- 1.6 | 10.0* | 5.4 +/- 1.5 |

| SLIDE | BA | PB | TOTLX | H | C | O |
|---|---|---|---|---|---|---|
| 3 | 10.1* | 10.0* | 7153.0 +/- 367.7 | 8.2 +/- 0.8 | 72.6 +/- 7.4 | 53.7 +/- 5.4 |
| 4 | 20.4* | 10.0* | 12808.3 +/- 682.7 | 3.5 +/- 0.9 | 79.2 +/- 8.1 | 58.5 +/- 5.9 |
| 5 | 20.3* | 73.3 +/- 10.9 | 9268.7 +/- 482.8 | 8.0 +/- 0.8 | 71.1 +/- 7.3 | 55.1 +/- 5.5 |

* DENOTES UPPER LIMIT OF ELEMENT NOT FOUND

ADDITIONAL ELEMENTS FOUND: SLIDE, ELEMENT, AMOUNT

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | MG | 204.2 | 3 | AS | 29.7 | 4 | PT | 37.9 | 5 | MG | 270.0 |
| 3 | PT | 41.7 | 3 | RB | 17.6 | 4 | AS | 68.5 | 5 | PT | 26.0 |
| 3 | HG | 52.0 | 4 | MG | 265.0 | 4 | BE | 0.6 | | | |

| | | | | | |
|---|---|---|---|---|---|
| 3 | June 3 | 6 | 9 | 12 | 15 |
| 4 | 4 | 7 | 10 | 13 | 16 |
| 5 | 5 | 8 | 11 | 14 | 17 |

UC DAVIS ELEMENTAL ANALYSIS . TRAY 30462 07/20/76 O/P ON 08/28/76

NA TO TOTLX IN $10^{-10}$ g/m$^3$ TOTLX FROM NA TO PB
H, C, O IN $10^{-7}$ g/m$^3$
MATRIX CORRECTIONS USING LIOAD
H,C,O AMOUNTS INCLUDE SUBSTRATE

| SLIDE | NA | AL | SI | S | CL | K | CA |
|---|---|---|---|---|---|---|---|
| 3 | 245.2 +/- 26.3 | 759.8 +/- 77.2 | 2549.6 +/- 255.1 | 465.6 +/- 50.3 | 100.8 +/- 10.4 | 461.0 +/- 46.2 | 827.7 +/- 82.8 |
| 4 | 242.4 +/- 26.9 | 1174.4 +/- 118.7 | 3796.6 +/- 379.8 | 556.0 +/- 60.4 | 42.6 +/- 5.3 | 655.2 +/- 65.6 | 1455.2 +/- 145.6 |
| 5 | 156.5 +/- 17.5 | 650.2 +/- 66.2 | 2156.1 +/- 215.7 | 441.1 +/- 48.6 | 34.9 +/- 4.2 | 394.1 +/- 39.5 | 873.7 +/- 87.4 |

| SLIDE | TI | V | MN | FE | NI | ZN | BR |
|---|---|---|---|---|---|---|---|
| 3 | 56.1 +/- 5.8 | 10.1* | 10.0* | 688.4 +/- 68.9 | 10.0* | 10.0* | 6.1 +/- 1.3 |
| 4 | 78.0 +/- 8.0 | 10.1* | 3.5 +/- 1.3 | 1004.1 +/- 100.5 | 10.0* | 10.0* | 6.9 +/- 1.5 |
| 5 | 46.3 +/- 4.9 | 10.1* | 10.0* | 697.5 +/- 69.9 | 10.0* | 10.0* | 7.1 +/- 1.3 |

| SLIDE | BA | PB | TOTLX | H | C | O |
|---|---|---|---|---|---|---|
| 3 | 10.1* | 52.8 +/- 7.4 | 6213.0 +/- 297.0 | 9.1 +/- 0.9 | 73.3 +/- 7.4 | 56.5 +/- 5.7 |
| 4 | 20.3* | 67.6 +/- 9.4 | 9082.5 +/- 445.6 | 8.7 +/- 0.9 | 75.1 +/- 7.6 | 60.6 +/- 6.1 |
| 5 | 10.1* | 63.3 +/- 9.5 | 5520.7 +/- 260.4 | 8.4 +/- 0.8 | 72.8 +/- 7.4 | 58.9 +/- 5.9 |

* DENOTES UPPER LIMIT OF ELEMENT NOT FOUND

ADDITIONAL ELEMENTS FOUND: SLIDE, ELEMENT, AMOUNT

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | MG | 247.6 | 3 | RB | 18.5 | 4 | AS | 38.5 | 5 | HG | 34.9 |
| 3 | PT | 26.7 | 4 | MG | 361.9 | 4 | BE | 0.5 | 5 | AS | 44.7 |
| 3 | HG | 39.2 | 4 | PT | 38.7 | 5 | MG | 235.4 | | | |
| 3 | AS | 35.1 | 4 | HG | 59.7 | 5 | PT | 27.4 | | | |

UC DAVIS ELEMENTAL ANALYSIS TRAY 30

UC DAVIS ELEMENTAL ANALYSIS  TRAY 3[illegible]  07/21/76  O/P ON 08/28/76

NA TO TOTLX IN $10^{-10}$ g/m$^3$  TOTLX FROM NA TO PB
H, C, O IN $10^{-7}$ g/m$^3$
MATRIX CORRECTIONS USING LOAD
H,C,O AMOUNTS INCLUDE SUBSTRATE

| SLIDE | NA | AL | SI | S | CL | K | CA |
|---|---|---|---|---|---|---|---|
| 3 | 106.7 +/- 20.4 | 100.8 +/- 15.7 | 605.0 +/- 61.5 | 1920.2 +/- 195.7 | 142.9 +/- 17.3 | 326.5 +/- 33.2 | 193.5 +/- 19.9 |
| 4 | 65.2 +/- 16.1 | 343.7 +/- 36.4 | 1529.1 +/- 153.5 | 2517.1 +/- 256.8 | 30.3* | 480.9 +/- 48.7 | 660.0 +/- 66.3 |
| 5 | 65.0* | 240.2 +/- 28.0 | 1334.0 +/- 134.0 | 3194.5 +/- 325.3 | 30.3* | 635.0 +/- 64.0 | 454.1 +/- 45.8 |

| SLIDE | TI | V | MN | FE | NI | ZN | BR |
|---|---|---|---|---|---|---|---|
| 3 | 77.0 +/- 9.5 | 10.0* | 10.0* | 158.3 +/- 16.4 | 10.0* | 12.5 +/- 3.0 | 11.6 +/- 3.4 |
| 4 | 84.9 +/- 9.8 | 10.0* | 27.0 +/- 4.7 | 376.2 +/- 38.1 | 10.0* | 12.5 +/- 3.2 | 10.0* |
| 5 | 87.1 +/- 10.0 | 10.0* | 27.9 +/- 4.6 | 302.1 +/- 30.7 | 10.0* | 23.2 +/- 3.6 | 12.4 +/- 3.6 |

| SLIDE | BA | PB | TOTLX | H | C | O |
|---|---|---|---|---|---|---|
| 3 | 40.1* | 50.3 +/- 9.2 | 3705.3 +/- 212.1 | 57.8 +/- 5.8 | 10.0* | 10.0* |
| 4 | 50.2* | 71.8 +/- 11.3 | 6168.5 +/- 315.5 | 57.1 +/- 5.7 | 885.9 +/- 89.9 | 162.8 +/- 16.9 |
| 5 | 40.1* | 85.1 +/- 12.4 | 6395.4 +/- 363.3 | 62.8 +/- 6.3 | 10.0* | 10.0* |

* DENOTES UPPER LIMIT OF ELEMENT NOT FOUND

ADDITIONAL ELEMENTS FOUND: SLIDE, ELEMENT, AMOUNT

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | PT | 36.7 | 4 | MG | 66.6 | 4 | PT | 38.0 | 5 | PT | 36.6 |